AUDITORIUM RENOVATION - PHASE ONE LAWRENCE CENTRAL HIGH SCHOOL METROPOLITAN SCHOOL DISTRICT OF LAWRENCE TOWNSHIP

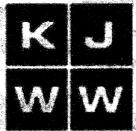
7300 EAST 56TH STREET INDIANAPOLIS, IN 46226

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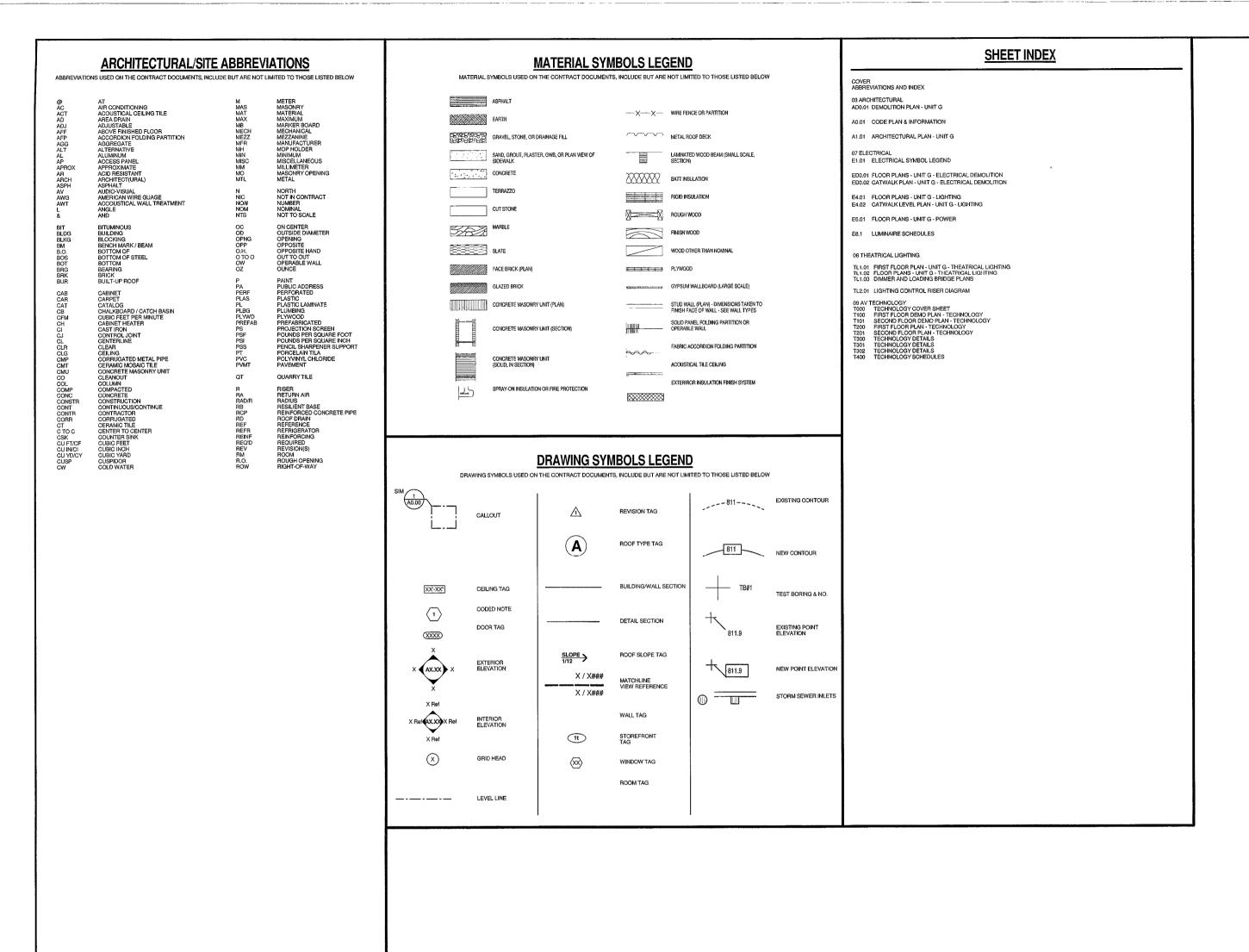
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LAWRENCE CENTRAL HIGH SCHOOL 216107.00

Chapter Phase 1
(Project No 216107.00)
5-9-17



AUDITORIUM RENOVATION - PHASE ONE
METROPOLITAN SCHOOL DISTRICT
OF LAWRENCE TOWNSHIP
7300 EAST 56TH STREET, INDIANAPOLIS, IN 46226

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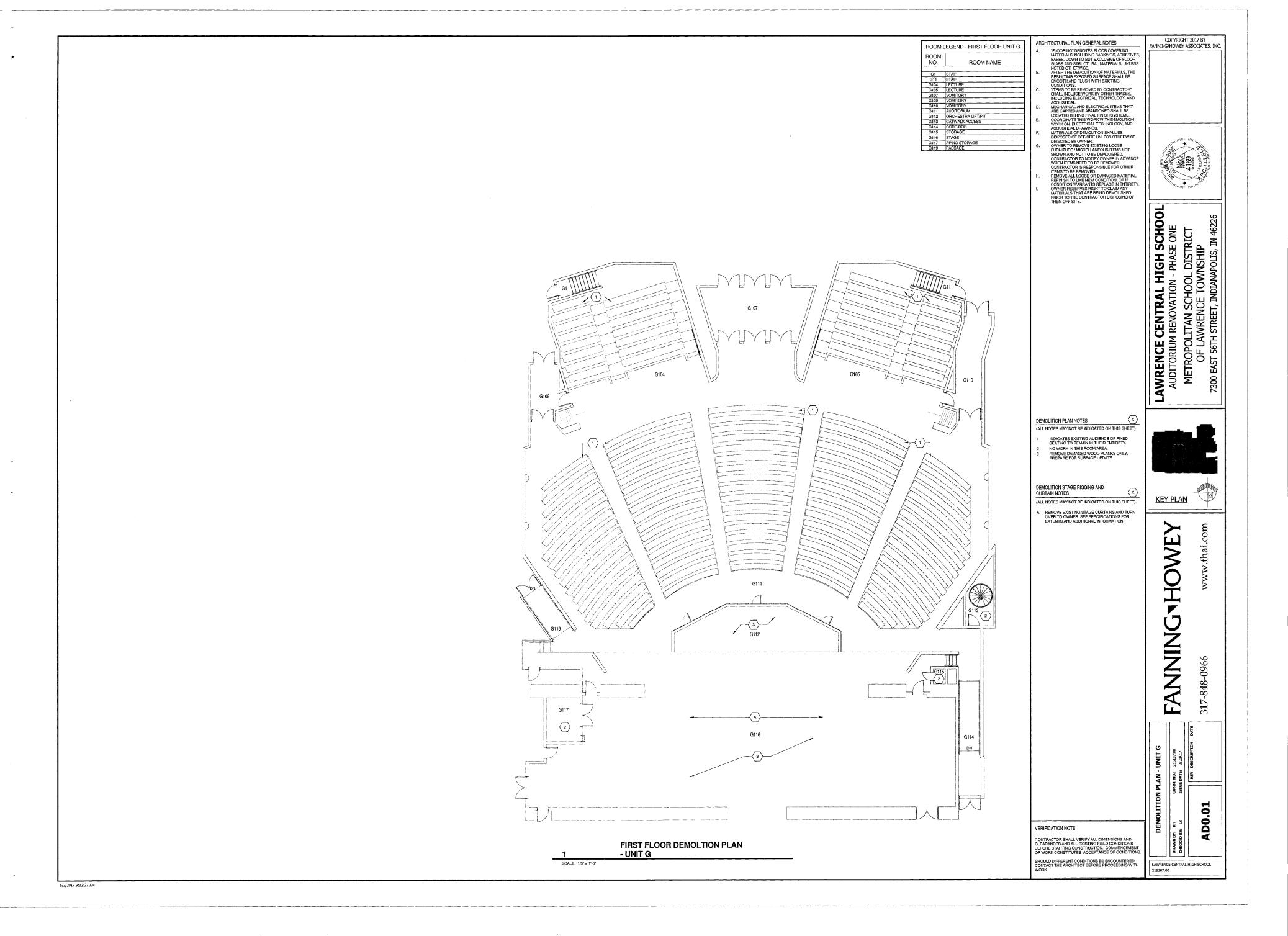
ABBREVIATIONS AND INDEX

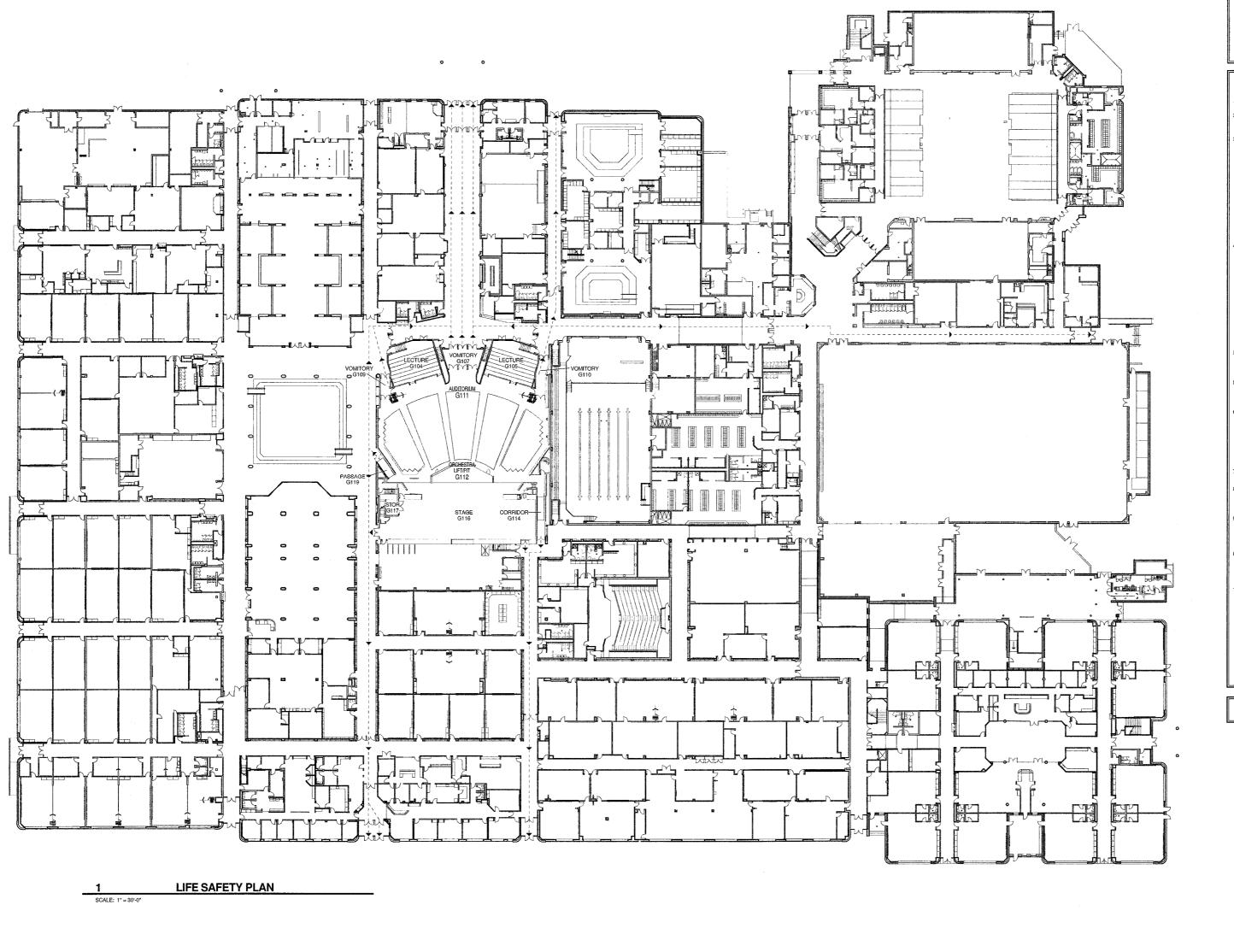
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INDEX

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PARENCE CENTRAL HIGH SCHOOL 216107.00





SQUARE FOOTAGE ANALYSIS

ITEM DESCRIPTION EXISTING FIRST FLOOR EXISTING SECOND FLOOR

AREA TOTAL (NO CHANGE IN AREA)

BUILDING CODE INFORMATION

2014 INDIANA BUILDING CODE (2012 INTERNATIONAL BUIDLING CODE) INDIANA ADMINISTRATIVE CODE 2. APPLICABLE CODE:

B. BUILDING AREA AND HEIGHT

I. BUILDING DESCRIPTION:

A1/AUDITORIUM, B, E, & S NON SEPERATED USES (NO CHANGE) A. OCCUPANCY/USE GROUP:

C. AREA LIMITATION:

1. ACTUAL AREA:

1. ACTUAL AREA:

2. FIRST FLOOR
SECOND FLOOR
TOTAL GROSS

ATION: UNLIMITED (TABLE 503) 441,000 SF 65,477 SF 506,477 SF (NO INCREASE) D. HEIGHT LIMITATION: 2 STORY, 55-0" (TABLE 503) 1. HEIGHT MODIFICATIONS: 3 STORY, 75-0" (504.2) 2. ACTUAL HEIGHT: 1 STORY, EXISTING

4. USE AND OCCUPANCY CLASSIFICATION INDIANA BUILDING CODE CHAPTER 3: E - EDUCATION, A1 - ASSEMBLY

INCIDENTAL USE AREAS INDIANA BUILDING CODE SECTION AND TABLE 509

MECHANICAL ROOM BOILERS, LABORATORIES:

1 HOUR SEPERATION & AUTO SPRINKLER SYSTEM ACCESSORY USE AREAS INDIANA BUILDING CODE SECTION 508.2

ACCESSORY OCCUPANCIES ARE THOSE OCCUPANCIES SUBSIDIARY TO THE MAIN OCCUPANCY OF THE BUILDING OR PORTION THEREOF. AGGREGATE ACCESSORY OCCUPANCIES SHALL NOT OCCUPY MORE THAN 10% OF THE AREA OF THE STORY IN TABLE 503 WITHOUT HEIGHT AND AREA INCREASES IN ACCORDANCE WITH SECTION 506 FOR SUCH ACCESSORY OCCUPANCIES (2012 INTERNATIONAL BUILDING CODE)

AREA LIMITATION INDIANA BUILDING CODE SECTION 503

5. TYPE OF CONSTRUCTION INDIANA BUILDING CODE CHAPTER 6 (SEE TABLE)

TYPE IIB

6. FIRE RESISTANCE RATED CONSTRUCTION INDIANA BUILDING CODE CHAPTER 7:

CEILING AND FLOOR OPENINGS THROUGH NON-FIRE-RESISTANCE-RATED ASSEMBLIES SHALL BE PROVIDED WITH FIREBLOCKING PER PROJECT MANUAL.

7. INTERIOR FINISHES TO COMPLY WITH INDIANA BUILDING CODE CHAPTER 8

3. FIRE PROTECTION SYSTEMS INDIANA BUILDING CODE CHAPTER 9: THE ENTIRE BUILDING CURRENTLY HAS AN AUTOMATIC SPRINKLER SYSTEM THAT IS TO REMAIN IN ITS ENTIRETY.

9. MEANS OF EGRESS INDIANA BUILDING CODE CHAPTER 10: THE MEANS OF EGRESS REQUIREMENTS SHALL BE DETERMINED BY THE ACTUAL OR COMPUTED NUMBER OF OCCUPANTS WHICHEVER IS THE LARGEST NUMBER. REFER TO THE CODE PLANS FOR ROOM OCCUPANTS IN UNIBER. REFER TO THE CODE PLANS FOR ROOM OCCUPANTS SHALL BE PROVIDED WITH TWO OR MORE MEANS OF EGRESS; SHALL BE PROVIDED WITH THREE OR MORE MEANS OF EGRESS; AND 1000 OR MORE OCCUPANTS SHALL BE PROVIDED WITH THREE OR MORE MEANS OF EGRESS; AND 1000 OR MORE MEANS OF EGRESS.

10. ADDITIONAL MISCELLANEOUS CODE NOTES:

A. EXISTING FIRE RISER WITH A DCDA SYSTEM IS TO REMAIN IN ITS ENTIRETY. B. EXISTING FIRE EXTINGUISHERS ORIGINALLY LOCATED BY THE LOCAL AUTHORITY ARE TO REMAIN IN THEIR ENTIRETY.

C. NEW STAGE CURTAINS ARE FLAMEPROOF AS STATED IN SPECIFICATIONS SECTION 11 61 00 AND WILL MEET ALL CODE REQUIREMENTS.

D. NEW AUTOMATIC FIRE CURTAIN SYSTEM CONNECTED WITH EXISTING FIRE ALARM SYSTEM.

----- INDICATES MAJOR EXITING PATHS

ACTUAL GROSS AREA 441,000 S.F. 65,477 S.F.

506,477 S.F.

ANNING/HOWEY ASSOCIATES, INC

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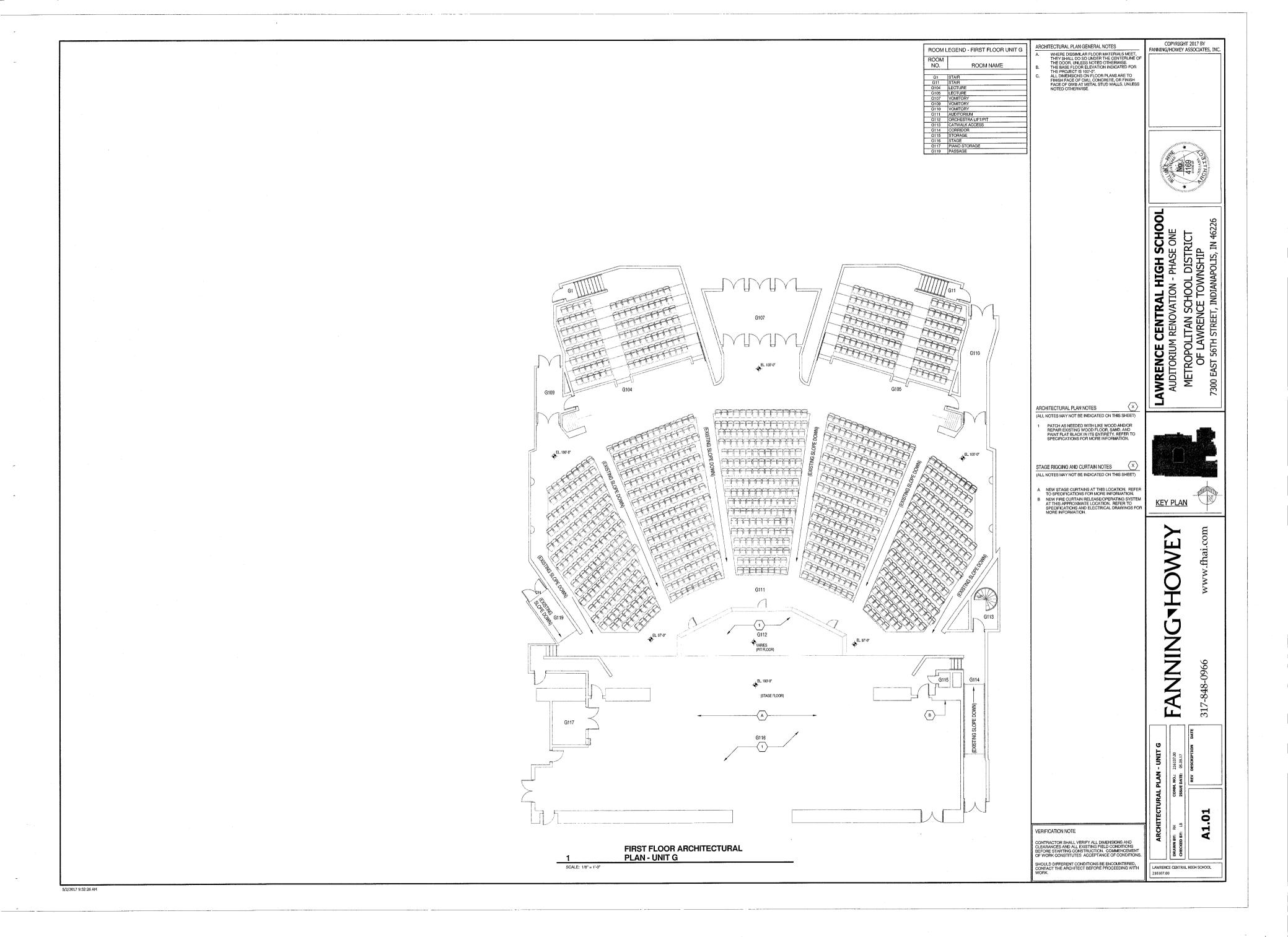
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LAWRENCE CENTRAL HIGH SCHOOL 216107.00

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AB	ETRICAL ABBREVIATION BREVIATIONS USED ON THE CONTRACT DOCUMENTS, LUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW
# (N)P(N)\	
ACU AF AFC AFF AFG	AIR CONDITIONING UNIT AMP FRAME ABOVE FINISHED COUNTERTOP ABOVE FINISHED FLOOR ABOVE FINISHED GRADE
AHU AIC AID AR AT ATS AWG AVV	AIR HANDLER UNIT AMPERE INTERRUPTING CAPACITY ADDRESSABLE INTERFACE DEVICE AS REQUIRED AMP TRIP AUTOMATIC TRANSFER SWITCH AMERICAN WIRE GAUGE AUDIO VISUAL
B BPS	BLANK BOLTED-PRESSURE CONTACT SWITCH
C Cd CLG CAM CL COL CMF CUH	CONDUIT (GENERIC TERM FOR RACEWAY, PROVIDE AS SPECIFIED) CANDELA CEILING MOUNTED CAMERA LIGHTING CONTACTOR COLUMN COMBINATION MOTOR FUSIBLE STARTER CABINET UNIT HEATER
D DC DED DF DIA DISTR DPST DPDT DT	DEMO TABLE DIRECT CURRENT DEDICATED DEVICE ON INDIVIDUAL BRANCH CIRCUIT DUAL FACE DIAMETER DISTRIBUTION DOUBLE POLE SINGLE THROW DUBLE THE DUBLE THROW DUST TIGHT
EBJ EC EM EOL ETR EWC EX	EQUIPMENT BONDING JUMPER ON LOAD SIDE OF AN OVER-CURRENT DEVICE ELECTRICAL CONTRACTOR WIRED ON EMERGENCY CIRCUIT END OF LINE EXISTING TO REMAIN ELECTRIC WATER COOLER EXISTING
F FA FBO FCU FDN FPB FRE FS	FLUSH FUSED AT FIRE ALARM FURNISHED BY OTHERS FAN COIL UNIT FOUNDATION PAN POWERED BOX FIBERGLASS REINFORCED EPOXY CONDUIT FLOW SWITCH
H-O-A HTP	HAND-OFF-AUTO HEAT PUMP
KEC K/O	KITCHEN EQUIPMENT CONTRACTOR KNOCK-OUT
LFMC LFNC LS LSIG	LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT LIMIT SWITCH LONG TIME, SHORT TIME, INSTANTANEOUS AND GROUND FAULT TRIP ADJUSTMENTS TO BE PROVIDED ON A CIRCUIT BREAKER LOW VOLTAGE
MATV MBJ MC/ER MCB MCC MDP M.H. MH	MASTER ANTENNA TV MAIN BONDING JUMPER MAIN CROSS-CONNECT/EQUIPMENT ROOM MAIN CIRCUIT BREAKER MOTOR CONTROL CENTER MAIN DISTRIBUTION PANEL MANHOLE (ON SITE PLAN) MOUNTING HEIGHT (ON PLAN), ALL MOUNTING HEIGHTS FOR DEVICE BOXES ARE FROM FINISHED FLOOR TO BOTTOM OF BOX, UNO. VERII
MLO MODP MSB MSC MTD MTG MTS MV	OUTLET LOCATIONS WITH OTHER TRADES BEFORI POUGH-IN MAIN LUGS ONLY MOTOR OPERATED DISCONNECT SWITCH MAXIMUM OVER-CURRENT PROTECTION MAIN SWITCHBOARD MOTOR STARTER CENTER MOUNTED MOUNTING MANUAL TRANSFER SWITCH MEDIUM YOLTAGE MULTI-ZONE HVAC UNIT
N +N N/A NC NFS NIC NL NM NO NBTL NTS	GROUNDED CIRCUIT CONDUCTOR (NEUTRAL) INDICATES MOUNTING HEIGHT (N) TO BOTTOM OF DEVICE FROM FINISH FLOOR, UNO NOT APPLICABLE NORMALLY CLOSED NONFUSIBLE SWITCH NOT IN CONTRACT NIGHT LIGHT NONMETALLIC SHEATHED CABLE NORMALLY OFEN NATIONALLY RECOGNIZED TESTING LAB NOT TO SCALE
OC OCPD	ON CENTER OVER-CURRENT PROTECTIVE DEVICE
PA PB PE PH PIV PR PUH	PUBLIC ADDRESS SYSTEM PULL BOX PNEUMATIC/ELECTRIC PROPELLER HEATER POST INDICATING VALVE PAIR PROPELLER UNIT HEATER
R RAF RT RVS	RELEASE RETURN AIR FAN RAIN-TIGHT REDUCE VOLTAGE STARTER
S SBJ SIG	SURFACE SYSTEM BONDING JUMPER SIGNAL SOLID MELITRAL

SIGNAL SOLID NEUTRAL

STAINLESS STELL
SUPPLY-SIDE BONDING JUMPER
SHUNT TRIP
SHELLDED TWISTED PAIR
CARBON STEEL
SUSPENDED
SWITCH
SWITCHBOARD

TEMPERATURE CONTROL PANEL TELEPHONE/DATA TELEPHONE TERMINAL(S) TELECOMMUNICATIONS GROUNDING

UTILITY EXHAUST FAN UNDERGROUND UNLESS NOTED OTHERWISE UNIT VENTILATOR

VANDAL GUARD VERIFY IN FIELD VAPOR-TIGHT

WIRE GUARD WATTHOUR WALL MOUNTED WEATHERPROOF WATER-TIGHT

BUSBAR TELECOMMUNICATIONS MAIN GROUNDING BUSBAR TELEPHONE TERMINATION BOARD

TELEPHONE CABINET

SYMBOL	DESCRIPTION	HEIG	INTING SHT TO TTOM		
	CONDUIT CONCEALED ABOVE CEILING OR IN WALL	-			
	CONDUIT CONCEALED IN OR BELOW FLOOR, OR UNDER GROUND				
⊕-X 1AL1-1 ⊕- ⊕-	20 AMP. 12S VOLT, NEMA 5-20R DUPLEX RECEPTACLE WITH COMMON COYER PLATE MOUNTED VERTICALLY 1-16" TO BOTTOM, LETTER(S) IN PRONT INDICATES LOAD TYPE, SEE BELOW. SINGLE LINE INDICATES HORIZONTAL MOUNTING, DOUBLE LINE INDICATES LOAD TYPE, SEE BELOW. SINGLE LINE INDICATES HORIZONTAL MOUNTING, DOUBLE LINE INDICATES LOAD TYPE, SEE BELOW. SINGLE LINE INDICATES HORIZONTAL MOUNTING, DOUBLE LINE INDICATES LOAD TYPE, SEE BELOW. SINGLE LINE INDICATES ABOVE COUNTERTOP MOUNTING (44") NEMA 5-20R, LODO, CIRCUIT NUMBER SERVING RECEPTACLE, UND. B RECEPTACLE WITH 20 AMP SINGLE POLE SWITCH IN 2 GANG BOX AND COMMON COVER PLATE CASEWORK, COORDINATE WITH ARCHITECTURAL CO COPFE MAKER E RED RECEPTACLE AND STAINLESS COVER PLATE, CONNECT TO BACKUP POWER GEORGIAND FAULT CIRCUIT INTERRRUPTING TYPE I SOLATED GROUND MONITOR MW MICROWAVE R FERRIERATOR, FEED FROM 30 MA GFCI CIRCUIT BREAKER. T WIST LOCK TAMPER RESISTANT DUPLEX USB PORTS PER DUPLEX RECEPTACLE UNDER COUNTER REFRIGERATOR, FEED FROM 30 MA GFCI CIRCUIT BREAKER. VENDING MACHINE, FEED FROM 30 MA GFCI BREAKER IN PANELBOARD. WO WALL MOUNTED VIDEO PROJECTOR, 96" AFF UND WHALF MONTED WIDEO PROJECTOR, 96" AFF UND WASHING MACHINE WASHING MACHINE WASHING MACHINE WASHING MACHINE WENT HOR WITH PRINTED LABELED SWITCHED ON THE RECEPTACLE COVER WITH PRINTED LABELED SWITCHED AND LABELED SWITCHED ON THE RECEPTACLE COVER WITH PRINTED LABELED				
0	20 AMP SINGLE RECEPTACLE, NEMA 5-20R	16	6"		
⊖-30	SINGLE STRAIGHT BLADE RECEPTACLE, 30A, 125 VOLT, NEMA 5-30R	10	6"		
Ө-с	15 AMP SINGLE RECEPTACLE, SEMI-RECESSED WALL MOUNTED WITH CLOCK HANGER, NEMA 5-15R	74	6"		
0	20 AMP DUPLEX RECEPTACLE FLUSH CEILING MOUNTED , NEMA 5-20R				
H⊒∪	SINGLE FLUSH BOX WITH FOUR USB CHARGING PORTS, WITH DECORA STYLE COVER PLATE; MOUNTED ABOVE COUNTERTOP HEIGHT, UNO				
0	SPECIAL POWER RECEPTACLE, AMPS, VOLTS AND NEMA CONFIGURATION AS DEFINED ON PLANS BY CODED NOTE				
•	SINGLE STRAIGHT BLADE, SPECIAL RECEPTACLE, 20A, 125/250 VOLT, 3P, 4W, NEMA 14-20R				
●w	SINGLE STRAIGHT BLADE, WELDING RECEPTACLE, 60A, 250 VOLT, 3P, 3W, NEMA 15-60R				
⊕R	SINGLE STRAIGHT BLADE, RANGE RECEPTACLE, 50A, 125/250 VOLT, 3P, 4W, NEMA 14-50R	8	5"		
⊕ D	SINGLE STRAIGHT BLADE, GROUNDED DRYER RECEPTACLE, 30A, 125/250 VOLT, 3P, 4W, NEMA 14-30R	32	2"		
⊕т	30 AMP, 120 VOLT, SINGLE TWIST LOCK RECEPTACLE, UNO, NEMA L5-30R	10	6"		
IDF I	20 AMP DUPLEX RECEPTACLE IN FLUSH FLOOR MOUNTED BOX.NEMA 5-20F. USE A CAST BOX AT GRADI LEVEL, USE A STAMPED STEEL BOX FOR UPPER FLOORS. REFER TO SPECIFICATIONS FOR RECUIREMENTS.				
Ѿт	20 AMP DUPLEX RECEPTACLE IN FIRE RATED POKE-THRU FLOOR DEVICE, NEMA 5-20R. REFER TO SPECIFICATIONS FOR REQUIREMENTS.				
ŒP°	20 AMP DUPLEX RECEPTACLE IN PEDESTAL MOUNTED ABOVE FLOOR SERVICE FITTING, NEMA 5-20R. REFER TO SPECIFICATIONS FOR REQUIREMENTS.				
	HIGH CAPACITY FLOOR BOX WITH 4 DUPLEX RECEPTACLES, NEMA 5-20R, UNO FOR POWER AND DATA. REFER TO SPECIFICATIONS FOR REQUIREMENTS.				
	COMMUNICATIONS/POWER POLE PRE-WIRED WITH 2 DUPLEX RECEPTACLES, WITH TWO J BOX ABOVE CEILING. REFER TO SPECIFICATIONS FOR REQUIREMENTS.		-		
-000-	TWO 20 AMP DUPLEX RECEPTACLES IN BOX WITH COVER PLATE, PENDANT MOUNTED WITH 3/C, SJO CORD AND STRAIN RELIEF GRIPS.	84	4"		
φφ	2 CHANNEL MULTIOUTLET SURFACE RACEWAY ASSEMBLY WITH DUPLEX RECEPTACLES AND DATA OUTLETS. SEE TECHNOLOGY DRAWINGS. QUANTITY AS SHOWN OR PER SPEC.	.			
	SINGLE CHANNEL MULTIOUTLET SURFACE RACEWAY PRE-WIRED ASSEMBLY WITH SINGLE RECEPTACLES. QUANTITY PER SPEC.				
	FIRE ALARM SYMBOLS				
SYMBOL	DESCRIPTION	1H	LEGE		

POWER SYMBOLS

	SINGLE CHANNEL MULTIOUTLET SURFACE RACEWAY PRE-WIRED ASSEMBLY WITH		- 1		MODITING HEIGHT. REPER TO SPECIFICATIONS FOR FEEDERMENTS
	SINGLE RECEPTACLES. QUANTITY PER SPEC.			®	RELAY
	FIRE ALARM SYMBOLS			A	AQUASTAT
SYMBOL	DESCRIPTION	мн	LEGEND NOTE	⊗	SOLENOID VALVE
AID	ADDRESSABLE INTERFACE DEVICE	-		T	THERMOSTAT
®	HEAT DETECTOR, 190 DEGREES F FIXED TEMPERATURE (UNO), CEILING MOUNTED	CLG		6	MOTOR
€0 ED	ROUND INDICATES CEILING MOUNTED, SQUARE INDICATES DUCT MOUNTED, PHOTOELECTRIC SMOKE DETECTOR			7	
FAA	FIRE ALARM ANNUNCIATION PANEL WITH MICROPHONE OUTLET	56"		Т	DRY TYPE TRANSFORMER
FAPS	FIRE ALARM POWER SUPPLY	-		SPD	SURGE PROTECTIVE DEVICE. REFER TO SPECIFICATION FOR REQUIREMENTS.
FAP	FIRE ALARM CONTROL PANEL		s	GAP	GENERATOR ANNUNCIATOR PANEL
<u> </u>	AUDIBLE AND VISIBLE NOTIFICATION APPLIANCE (HORN/STROBE), CEILING MOUNTED, EXTRA	CLG	 	ϕ	UTILITY POLE
	LINE INDICATES WALL MOUNTING AT 80" AFF VOICE/ALARM COMMUNICATION AUDIBLE AND VISIBLE NOTIFICATION DEVICE			00	JUNCTION BOX, PIGTAIL INDICATED FLEXIBLE CONDUIT CONNECTION TO EQUIPMENT
\$\sqrt{\sq}}}}}}}}}} \sqrt{\sq}}}}}}}}}}} \sqiti\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}}}} \sqrt{\sqrt{\sqrt{\sq}}}}}}}} \sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}} \end{\sqrt{\sqrt{\sq}\sqrt{\sqrt{\sq}}}}}}}} \end{\sqrt{\sqrt{\sq}}}}}}}} \sqrt{\sqrt{\s	(SPEAKER/STROBE), CEILING MOUNTED, EXTRA LINE INDICATES WALL MOUNTING AT 80" AFF	CLG	Т		CEILING PADDLE FAN WITH JUNCTION BOX SECURELY MOUNTED TO STRUCTURE
$\overline{\mathbb{A}}$	VISIBLE NOTIFICATION APPLIANCE (STROBE), CEILING MOUNTED, EXTRA LINE INDICATES WALL MOUNTING AT 80" AFF	CLG	Т		— GEILING PADDLE FAIN WITH JUNCTION BOX SECURELT MOUNTED TO STRUCTURE
O _s O _s	VOICE/ALARM COMMUNICATIONS LOUDSPEAKER, CEILING MTD, EXTRA LINE INDICATES WALL MOUNT AT 96" AFF. "S" INDICATES INTEGRAL VISIBLE NOTIFICATION DEVCE-STROBE.	CLG		RAP	REFRIGERANT DETECTION AND ALARM: REFRIGERANT MONITOR CONTROL PANEL
F	MANUAL FIRE ALARM PULL STATION, AND AUDIBLE AND VISIBLE NOTIFICATION APPLIANCE ABOVE (HORN/STROBE), WALL MOUNTED	44"/80"	т	R	REFRIGERANT DETECTION AND ALARM: SENSOR
E	MANUAL FIRE ALARM PULL STATION, WALL MOUNTED	44"		T	REFRIGERANT DETECTION AND ALARM: NOTIFICATION APPLIANCE
	VOICE/ALARM COMMUNICATIONS HORN TYPE LOUDSPEAKER, CEILING MOUNTED, EXTRA LINE INDICATES WALL MOUNTING AT 96" AFF	CLG		RBA	REFRIGERANT DETECTION AND ALARM: SELF CONTAINED BREATHING APARATUS
0	CARSON MONOXIDE DETECTOR.	-		СР	CONTROL PANEL SUPPLIED BY VENDOR, INSTALLED AND WIRED BY CONTRACTOR. COORDINATE FINAL MOUNTING HEIGHT
(SD)	SMOKE DAMPER ACTUATOR AND ASSOCIATED SMOKE DETECTOR, TYPE PER PLANS	-		SC BI	ELECTRONIC SCOREBOARD, WALL MOUNTED. FURNISHED BY OTHERS INSTALLED BY DIV 26
FS	WATER FLOW SWITCH CONNECTION	-	D	SC!	SHOT CLOCK, WALL MOUNTED. FURNISHED BY OTHERS INSTALLED BY DIV 26
sv	SUPERVISORY VALVE TAMPER SWITCH CONNECTION	-	D		
H	SURFACE MAGNETIC DOOR HOLDER	6" BELOW TOP OF DOOR			
S	ELECTRONIC RELEASE DOOR CLOSER	-			
CB	FIRE ALARM BELL, WALL MOUNTED, WEATHERPROOF WHERE EXTERIOR MOUNTED	96"			
кн	MICRO SWITCH IN KITCHEN HOOD FOR FIRE SUPPRESSION SYSTEM. SUPPLIED BY OTHERS, WIRED BY EC.	HOOD			
		1			

PV POST INDICATOR VALVE TAMPER SWITCH

SYMBOL	DESCRIPTION	МН
	DISTRIBUTION PANEL, SEE ONE LINE DIAGRAM	
57773	SURFACE CIRCUIT BREAKER PANELBOARD, SEE ONE LINE DIAGRAM	-
7772	FLUSH MOUNTED CIRCUIT BREAKER PANELBOARD, SEE ONE LINE DIAGRAM	
	UTILITY METER	
H•I		44"
	PUSH BUTTON STATION, TYPE INDICATED	44"
H••	PUSH BUTTON STATION, ON/OFF	
H.•••	PUSH BUTTON STATION, UP/DOWN/STOP RECESSED ADA PUSH BUTTON FOR AUTOMATIC DOOR OPERATOR, FURNISHED BY OTHERS,	44"
£	INSTALLED BY DIV. 28	44"
<u> </u>	RED MUSHROOM ABORT SWITCH, WALL MOUNTED	44"
PC	PHOTOCELL AIMED NORTH	-
(b)	RECESSED WALL BOX FOR HAIR DRYER. CIRCUIT WITH 2#10, #10G IN 3/4* C TO PANEL INDICATED	•
⅌	RECESSED WALL BOX FOR HAND DRYER. CIRCUIT WITH 2#10, #10G IN 3/4" C TO PANEL INDICATED	-
B	CIRCUIT BREAKER DISCONNECT SWITCH, 30A - 3 POLE, UNO	48"
마	NON-FUSED DISCONNECT, 3 POLE, NEMA 1, UNO. 30 AMP UNO. WP SUFFIX DESIGNATES NEMA 3R ENCLOSURE. WP4X SUFFIX DESIGNATES NEMA 4X STAINLESS STEEL ENCLOSURE.	48"
FH 100A-3P	FUSED DISCONNECT, 3 POLE, NEMA 1, UNO. 30 AMP UNOWP SUFFIX DESIGNATES NEMA 38 ENCLOSUREWP4X SUFFIX DESIGNATES NEMA 4X STAINLESS STEEL ENCLOSURE.	48"
\boxtimes	MAGNETIC STARTER, 30 AMP - 3 POLE, NEMA SIZE 1, UNO WITH H.O.A. SWITCH AND RED PILOT LIGHT (RUNNING).	48"
⊠	COMBINATION MAGNETIC MOTOR STARTER, WITH 30 AMP - 3 POLE CIRCUIT BREAKER DISCONNECT SWITCH, NEMA SIZE 1, UNO WITH H.O.A. SWITCH AND RED PILOT LIGHT (RUNNING).	48"
	COMBINATION MAGNETIC MOTOR STARTER, WITH 30 AMP - 3 POLE MOTOR CIRCUIT PROTECTOR (MCP) DISCONNECT SWITCH, NEMA SIZE 1, UNO WITH H.O.A. SWITCH AND RED PILOT LIGHT (RUNNING).	48"
H	COMBINATION MAGNETIC MOTOR STARTER, WITH 30 AMP - 3 POLE FUSED DISCONNECT SWITCH, NEMA SIZE 1, UNO, WITH H.O.A. SWITCH AND RED PILOT LIGHT (RUNNING).	48"
МР	MANUAL MOTOR STARTER WITH THERMAL OVERLOAD PROTECTION AND PILOT LIGHT, UNO. FLUSH MOUNTED IN FINISH SPACES.	44"
- ⇔ -M	MANUAL MOTOR STARTER WITH THERMAL OVERLOAD PROTECTION, UNO. FLUSH MOUNTED IN FINISH SPACES.	44"
⇔ F	MANUAL MOTOR STARTER, NO OVERLOADS. FLUSH MOUNTED IN FINISH SPACES.	44"
∙ 69- T	SPRING WOUND TIMER, HP RATED	44"
 -C	CONTROL SWITCH FOR DEVICES SUCH AS MOTORIZED SHADES, SOLAR LIGHT TUBES, PROJECTION SCREENS, ETC. FURNISHED BY OTHERS, INSTALLED FLUSH MOUNTED WITH COVER PLATE AND WIRED BY DIV. 28	44"
C	ELECTRICALLY HELD CONTACTOR WITH H-O-A SWITCH, 30A - 3P, UNO. REFER TO SPECIFICATION FOR REQUIREMENTS.	48"
마	COMBINATION ELECTRICALLY HELD CONTACTOR, WITH H-O-A SWITCH AND 30 AMP - 3P CIRCUIT BREAKER DISCONNECT SWITCH, UNO, REFER TO SPECIFICATION FOR REQUIREMENTS.	48"
TC	DIGITAL TIME CLOCK SWITCH	60"
VFC	VARIABLE FREQUENCY CONTROLLER, FURNISHED BY DIV. 23 CONTRACTOR, INSTALLED BY DIV. 26 CONTRACTOR, UND. COORDINATE FINAL MOUNTING HEIGHT.	60"
ATS	AUTOMATIC TRANSFER SWITCH, REFER TO SINGLE LINE DIAGRAM, COORDINATE FINAL MOUNTING HEIGHT, REFER TO SPECIFICATIONS FOR REQUIREMENTS	60"
®	RELAY	
(A)	AQUASTAT	
(S)	SOLENOID VALVE	
① ①	THERMOSTAT	-
6	мотоя	
<u> </u>	DRY TYPE TRANSFORMER	
SPD	SURGE PROTECTIVE DEVICE. REFER TO SPECIFICATION FOR REQUIREMENTS.	
	GENERATOR ANNUNCIATOR PANEL	56"
GAP P	0.433.341	-
φ	UTILITY POLE	-
	DUNCTION BOX, PIGTAIL INDICATED FLEXIBLE CONDUIT CONNECTION TO EQUIPMENT CEILING PADDLE FAN WITH JUNCTION BOX SECURELY MOUNTED TO STRUCTURE	CLG
RAP	REFRIGERANT DETECTION AND ALARM: REFRIGERANT MONITOR CONTROL PANEL	56"
F	REFRIGERANT DETECTION AND ALARM: SENSOR	
₩	REFRIGERANT DETECTION AND ALARM: NOTIFICATION APPLIANCE	
	THE THEORY OF THE PROPERTY OF THE PARTY OF THE PARTY.	

SYMBOL	DESCRIPTION	MH
(HB)	OCCUPANCY SENSOR - CEILING MOUNTED (UNO), HIGH BAY INFRARED, 360 DEGREE PATTERN, 36° DIA. COVERAGE PATTERN (MIN.) AT 20° MOUNTING HEIGHT. PROVIDE WITH RELAY OPTION.	CLG
<u> </u>	OCCUPANCY SENSOR - CEILING MOUNTED, ULTRASONIC AND INFRARED SENSOR FOR CORRIDOR A HALLWAY APPLICATIONS, 56×16' (MIN.) RECTANGULAR SHAPED COVERAGE PATTERN. PROVIDE WITH RELAY OPTION. "A" PORTION OF SYMBOL INDICATES AIMING OF ULTRASONIC SENSORS.	CLG
<u>*</u>	OCCUPANCY SENSOR - CEILING MOUNTED, DUAL TECHNOLOGY, 360 DEGREE PATTERN, 2000 S.F. COVERAGE. PROVIDE WITH RELAY OPTION. "A" PORTION OF SYMBOL INDICATES AIMING OF ULTRASONIC SENSORS.	CLG
®	OCCUPANCY SENSOR - CEILING MOUNTED, DUAL TECHNICLOGY, 360 DEGREE PATTERN, 2000 S.F. COVERAGE. PROVIDE WITH RELAY OPTION. "A" "PORTION OF SYMBOL INDICATES AIMING OF ULTRASONIC SENSORS. PROVIDE WITH INTEGRAL DAYLIGHT SENSOR.	CLG
⟨ i⟩	OCCUPANCY SENSOR - CEILING MOUNTED, INFRARED, 360 DEGREE PATTERN, 1200 S.F. COVERAGE (MIN.). PROVIDE WITH RELAY OPTION.	CLG
ŵ	OCCUPANCY SENSOR - CEILING MOUNTED, ULTRASONIC, 360 DEGREE PATTERN, 2000 S.F. COVERAGE, PROVIDE WITH RELAY OPTION. "A" PORTION OF SYMBOL INDICATES AIMING OF ULTRASONIC SENSORS.	CLG
ô	OCCUPANCY SENSOR - CEILING MOUNTEO, DUAL TECHNOLOGY, DIRECTIONAL/180 DEGREE PATTERN, 1200 S.F. COVERAGE (MIN.). PROVIDE WITH RELAY OPTION. PROVIDE WITH CEILING MOUNTING BRACKET ACCESSORY IF NOT SUPPLIED AS STANDARD WITH SENSOR. "A" PORTION OF SYMBOL INDICATES AIMING.	CLG
€ÎĎ	OCCUPANCY SENSOR - CEILING MOUNTED, INFRARED, DIRECTIONAL/180 DEGREE PATTERN, 1200 S.F. COVERAGE (MIN.), PROVIDE WITH RELAY OPTION, PROVIDE WITH CEILING MOUNTING BRACKET ACCESSORY IF NOT SUPPLIED AS STANDARD WITH SENSOR. "A" PORTION OF SYMBOL INDICATES AIMING.	CLG
\$	OCCUPANCY SENSOR - WALL SWITCH TYPE, DUAL TECHNOLOGY, WITH ON/OFF BUTTON, PROVIDE WITH RELAY OPTION.	44"
∳ \$ ^D	OCCUPANCY SENSOR - WALL SWITCH TYPE, DUAL TECHNOLOGY, WITH ON/OFF RAISE LOWER (DIMMING) BUTTONS, PROVIDE WITH RELAY OPTION.	44"
©S)	DAYLIGHT SENSOR	CLG
- 0- K	KEY OPERATED SWITCH, NUMBER INDICATES NUMBER OF POLES, 277V, 20A, FLUSH UNO	44"
-69- 3	SWITCH, NUMBER INDICATES NUMBER OF POLES, 277V, 20A, FLUSH UNO	44"
-∞- MK	MOMENTARY CONTACT SNAP KEYED SINGLE POLE SWITCH, DOUBLE THROW, CENTER-OFF	44"
- ⇔ -MC	MOMENTARY CONTACT SNAP SINGLE POLE SWITCH, DOUBLE THROW, CENTER-OFF	44"
↔L	SINGLE POLE SWITCH, 277V, 20A, FLUSH UNO WITH LIGHTED HANDLE	44"
% a	SINGLE POLE S:VITCH, 277V, 20A, FLUSH UNO TYPICAL, SUBSCRIPT a, b, c INDICATES WHICH LUMINAIRE THAT WILL BE CONTROLLED VIA SWITCH LEG	44"
- ⇔ -P	SINGLE POLE SWITCH, 277V, 20A, FLUSH UNO WITH PILOT LIGHT	44"
≪ D	WALL BOX DIMMER 277V, 1200 WATT MINIMUM, FLUSH, UNO. PROVIDE WATTAGE SIZE TO EXCEED CIRCUIT LOAD	44"
LC	LIGHTING CONTACTOR, MECHANICALLY HELD, 30A - 3P WITH H-O-A SWITCH, UNO	48"
[C]	COMBINATION LIGHTING CONTACTOR, MECHANICALLY HELD, WITH H-O-A SWITCH AND 30A - 3P CIRCUIT BREAKER, UNO	48"
LRP	LIGHTING RELAY PANEL	-
\oslash	DOWNLIGHT LUMINAIRE, APPROXIMATE SIZE INDICATED	-
	DOWNLIGHT LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	-
→	WALL SCONCE LUMINAIRE	·
⊗	WALL MOUNTED EXIT SIGN, DIRECTIONAL ARROWS AS SHOWN	96"
⊗ 	CEILING MOUNTED EXIT SIGN, SHADED PORTION(S) INDICATES SINGLE OR DOUBLE FACE	CLG
QΨ	ARM MOUNTED AREA LUMINAIRE	-
<u> </u>	POLE TOP AREA LUMINAIRE	-
(O)	TRACK HEAD LUMINAIRE	-
	EMERGENCY LIGHTING UNIT WITH 2 HEADS AND BATTERY WALL-BRACKET LUMINAIRE, APPROXIMATE SIZE INDICATED	76"
	WALL-BRACKET LUMINAIRE, APPROXIMATE SIZE INDICATED WALL-BRACKET LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	
	RECESSED LUMINAIRE, APPROXIMATE SIZE INDICATED. ("NL", INDICATES NIGHT LIGHT	CLG
	FIXTURES) RECESSED LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	ÇLG
	NECESSED LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED SURFACE OR PENDANT MOUNTED LUMINAIRE, APPROXIMATE SIZE INDICATED	OLG
	SURFACE OR PENDANT MOUNTED LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS	CLG
	INDICATED PENDANT LUMINAIRE, APPROXIMATE SIZE INDICATED	CLG
<u>•</u>		CLG
	PENDANT LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	GLG

ELECTRICAL GENERAL NOTES

THE TERM YPROVIDE I NOICATES CONTRACTOR SHALL BURNISH AND NOTALLITEMS AND COMPANIES SYSTEM COORDINATE DEVICE LOCATIONS WITH ARCHITECTURAL PLANS, CASEWORK, WINDOWS, WALL FINISHES, COLOMBAN, AND COMPANIES SYSTEM COORDINATE DEVICE LOCATIONS WITH ARCHITECTURAL PLANS, CASEWORK, WINDOWS, WALL FINISHES, COLOMBAN, AND OTHER TRADES PRIOR TO ROUGH IN DEVICES ARE INTENDED TO BE ACCESSIBLE, DO NOT INSTALL BEHIND CASEWORK, WINDOWS, WALL FINISHES, EQUIPMENT, AND OTHER TRADES PRIOR TO ROUGH IN DEVICES ARE INTENDED TO BE ACCESSIBLE, DO NOT INSTALL BEHIND CASEWORK, ON THE PRIVATE PRIVATE OF THE ARCHITECT IN WITHOUT AND WATCH COMPANIES WITHOUT AND WATCH COMPANIES WITHOUT ARCHITECT IN WHITING OF CALL LOCAL, STATE AND DATIONAL CODES INCLUEDING, BUT NOT LUTHED TO THEY ARCHITECT IN WAITING PRIOR TO PRIVATE AND WATCH CODES, AND ARCHITECT IN WAITING PRIOR TO PRIVATE AND WATCH COORDINATE OF THE ARCHITECT IN WAITING PRIOR TO PRIVATE AND WATCH COORDINATE SHAPE AND ASSOCIATIONS SHALL BE SUBMITTED TO THE ARCHITECT IN WAITING PRIOR TO PRIVATE AND ASSOCIATIONS SHALL BE SUBMITTED TO THE ARCHITECT IN WAITING PRIOR TO PRIVATE AND ASSOCIATIONS SHALL BE SUBMITTED TO THE ARCHITECT IN WAITING PRIOR TO PRIVATE AND SPECIFICATIONS SHALL BE SUBMITTED TO THE ARCHITECT IN WAITING PRIOR TO PRIVATE AND THE ARCHITECT IN WAITING GOODS WITH ARCHITECT AND THE ARCHITEC

PROVIDE CIRCUIT INDICATED TO EVERY LIGHT FIXTURE INDICATED IN SAME ROOM UNLESS OTHERWISE INDICATED.

QUANTITY AND LOCATION OF TAMPER AND FLOW SWITCHES IS FOR BIDDING PURPOSES ONLY, VERIEY EXACT CUNTITY AND LOCATIONS WITH SPRINKLER CONTRACTOR PRIOR TO FIRE ALARM SHOP DRAWING SUBMITTAL.

CONTRACTOR PRIOR TO FIRE ALARM SHOP DRAWING SUBMITTAL.

ELECTRICAL PANELS INCLUDING BUT NOT LIMITED TO FIRE ALARM CONTROL PANELS, ICIGHTING CONTRACTION, AND DEFLECTION WHERE CONDUITS TO ALLOW FOR EXPANSION, CONTRACTION, AND DEFLECTION WHERE CONDUITS CROSS BUILDING EXPANSION JOINTS.

PROVIDE SEPARATE RACEWAY FOR EMERGENCY SYSTEM WIRING PER NEC ARTICLE 700.

CROSS BUILLIDE SEPARATE RACEWAY FOR EMERGENCY SYSTEM WIRING PER NEC ARTICLE 700.

AUTODOORS PROVIDED AND INSTALLED BY OTHERS. PROVIDE CONDUIT AND BOX ROUGH-INS FOR MOTORS AND PUSHBUTTONS. MAKE FINAL POWER CONNECTIONS. ALL CONTROL WIRING SY OTHERS.

MASONRY LOAD-BEARING WALLS AND MASONRY SHEAR WALLS: DO NOT PENETRATE CMU WALLS: NDICATED AS BEARING WALLS AND SHEAR WALLS: ON STRUCTURAL DRAWINGS UNLESS NOTEO OTHERWISE ON PLAN. DO NOT CORE TRIOUGH CMU BOND BEAMS OR LINTELS. DO NOT CUT ANY VERTICAL REINFORGING IN CMU WALLS. OBTAIN PRIOR APPROVAL FROM ENGINEER BEFORE PENETRATING ANY OF THE STRUCTURAL ELEMENTS LISTED ABOY. DO NOT PENETRATE CONCRETE WALLS INDICATED AS BEARING WALLS AND BEAMS: DO NOT PENETRATE CONCRETE WALLS INDICATED AS BEARING WALLS AND SHEAR WALLS ON STRUCTURAL DRAWINGS UNLESS NOTEO OTHERWISE ON PLAN. DO NOT CORE THROUGH CONCRETE BEAMS; OR COLUMNS DO NOT CUT ANY VERTICAL REINFORGING IN CONCRETE WALLS. OBTAIN PRIOR APPROVAL FROM STRUCTURAL ENGINEER BEFORE EPENETRATING ANY OF THE STRUCTURAL ELEMENTS LISTED ABOVE.

STEEL FRAMING: DO NOT CUT OR CORE THROUGH ANY STRUCTURAL SICE BEAMS, GIRDERS, OR COLUMNS UNLESS NOTED OTHERWISE ON PLAN. NOTIFY ENGINEER OF POTENTIAL CONFLICTS BETWEEN FRAMING AND ELECTRICAL WORK.

CONCRETE FLOOR SYSTEMS (APPLIEST OF CONCRETE BLOOR OR STEEL WITH CONCRETE FLOOR SYSTEMS (APPLIEST ON CONCRETE BLOOR OR STEEL WITH CONCRETE FLOOR SAS BULLESS NOTED OTHERWISE ON PLAN OR IN TYPICAL STRUCTURAL DETAILS. PENETRATIONS THROUGH EXISTING SLABS SHALL BE X-RAYED PRIOR TO CORRIGE THE STRUCTURAL ENGINEER. PENETRATIONS THROUGH EXISTING SLABS SHALL BE X-RAYED PRIOR TO CORRIGE THE STRUCTURAL ENGINEER. PENETRATIONS THROUGH EXISTING SLABS SHALL BE X-RAYED PRIOR TO CORRIGE THE STRUCTURAL ENGINEER. PENETRATIONS THROUGH EXISTING SLABS SHALL BE X-RAYED PRIOR TO CORRIGE THE STRUCTURAL ENGINEER. PENETRATIONS THROUGH EXISTING SLABS SHALL BE X-RAYED PRIOR TO CORRIGE TO CONCRETE BLOOR ON STEEL WITH CONCRETE DECO. MASONRY WI CONC. FLOORS; DO THERWISE ON PLAN OR IN TYPICAL STRUCTURAL DETAILS. PENETRATIONS THROUG

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317

ELECTRICAL SYMBOL LEGEND

NBY: APO COMM. NO.: 216.07.00

ED BY: DAM ISSUEDATE: 05.09.17

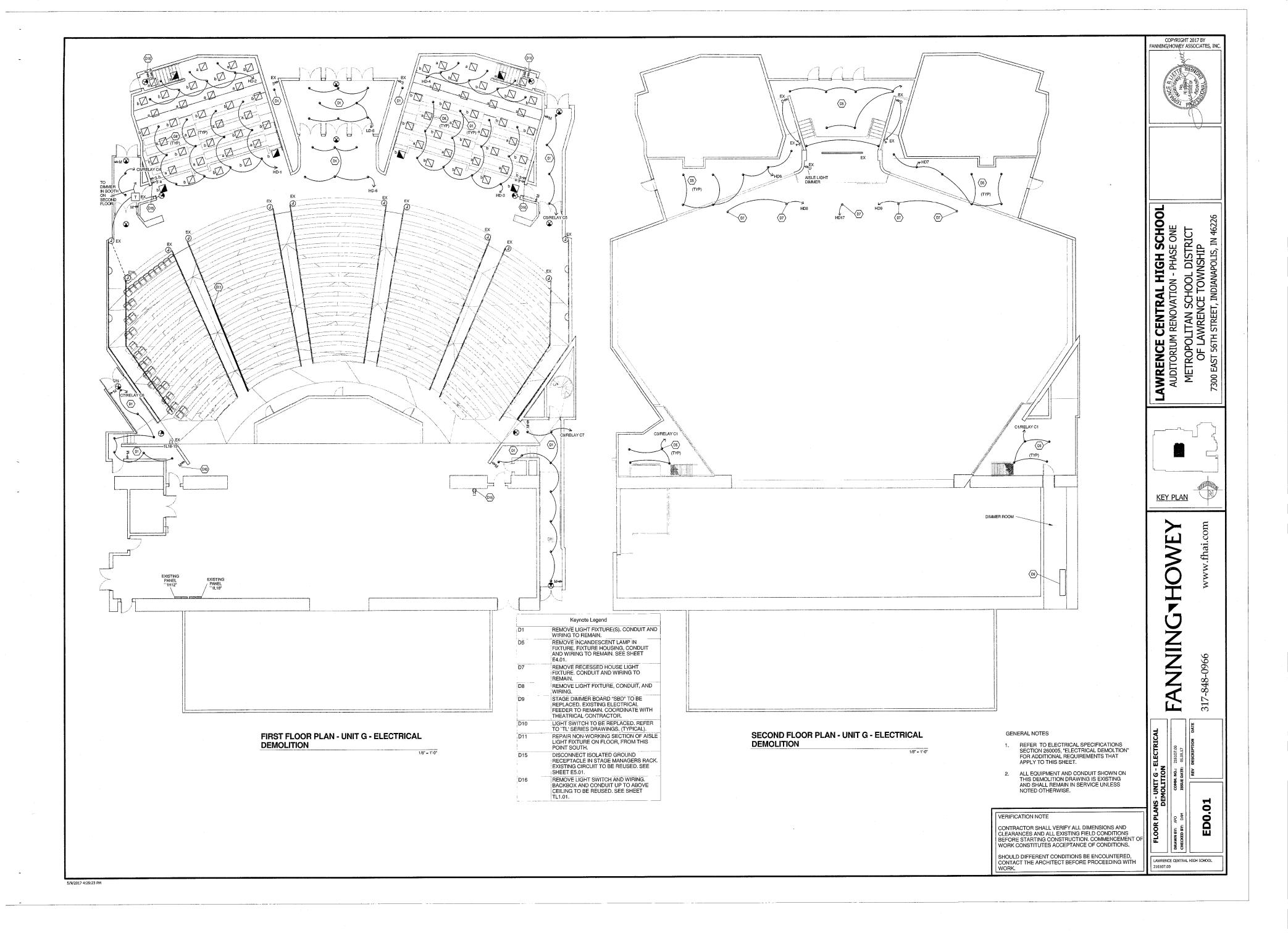
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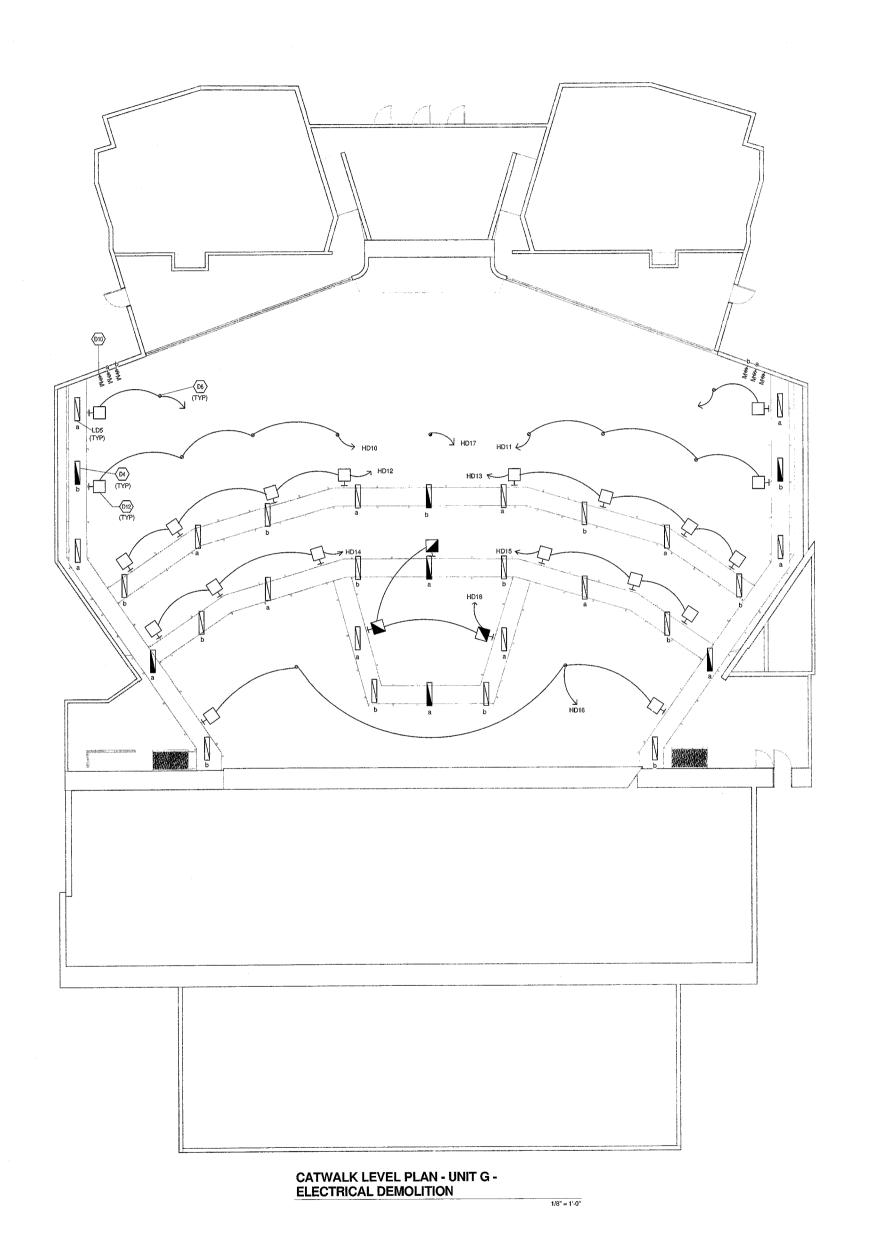
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TCP TEL/DATA TEL TERM TGB

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Keynote Legend

Keynote Legend

REMOVE INTERIOR OF WORK LIGHT FIXTURE(S),
WHICH INCLUDES LAMPS, SOCKETS, BALLAST
COVER AND BALLAST. FIXTURE CONNECTED TO
EMERGENCY TRANSFER RELAY IN DIMMING
PANEL. CONDUIT AND WIRING TO REMAIN. SEE
SHEET E4.02.

REMOVE HOUSE LIGHT FIXTURE. CONDUIT AND
WIRING TO REMAIN.

LIGHT SWITCH TO BE REPLACED. REFER TO 'TL'
SERIES DRAWINGS. (TYPICAL).

REMOVE HOUSE LIGHT FIXTURE MOUNTED TO
CATWALK. CONDUIT AND WIRING TO REMAIN.

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C PLAN - UNIT G - ELECTR
DEMOLITION
COMM. NO.: 216107.00
AN ISSUE DATE: 05.09.17
REV DESCRIPTION 02 EDO.

VERIFICATION NOTE

GENERAL NOTES

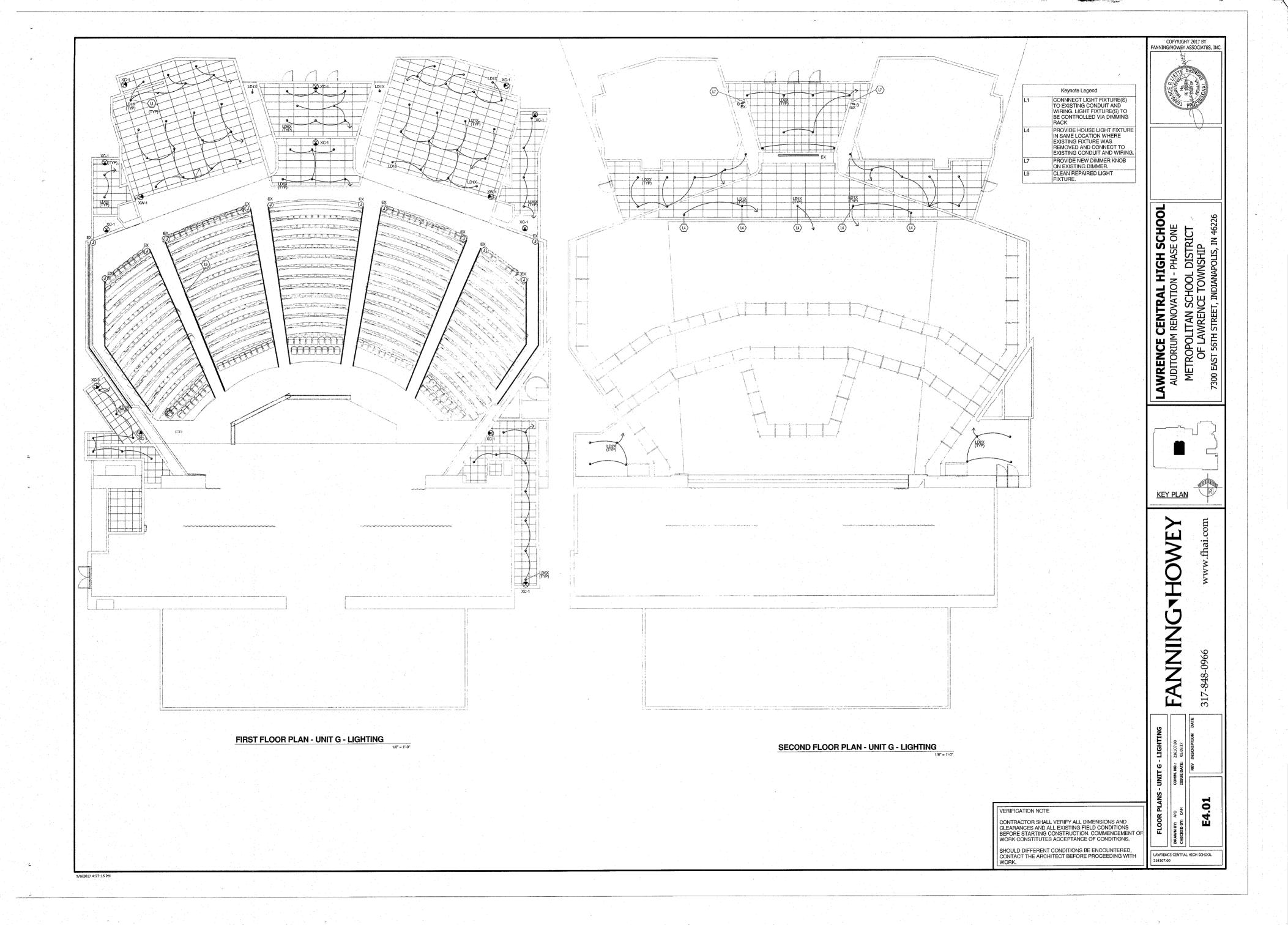
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

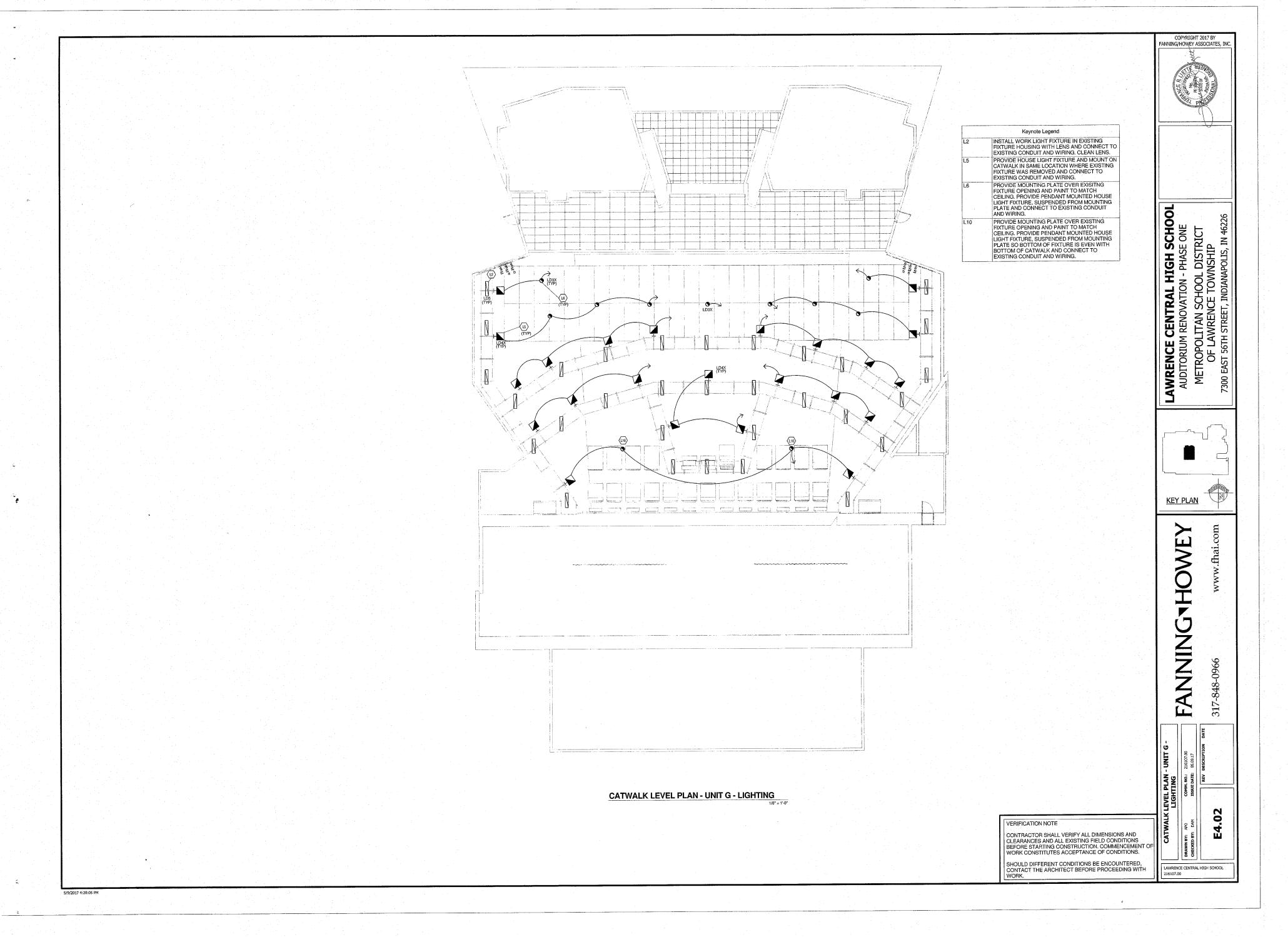
REFER TO ELECTRICAL SPECIFICATIONS SECTION 260005, "ELECTRICAL DEMOLTION" FOR ADDITIONAL REQUIREMENTS THAT APPLY TO THIS SHEET.

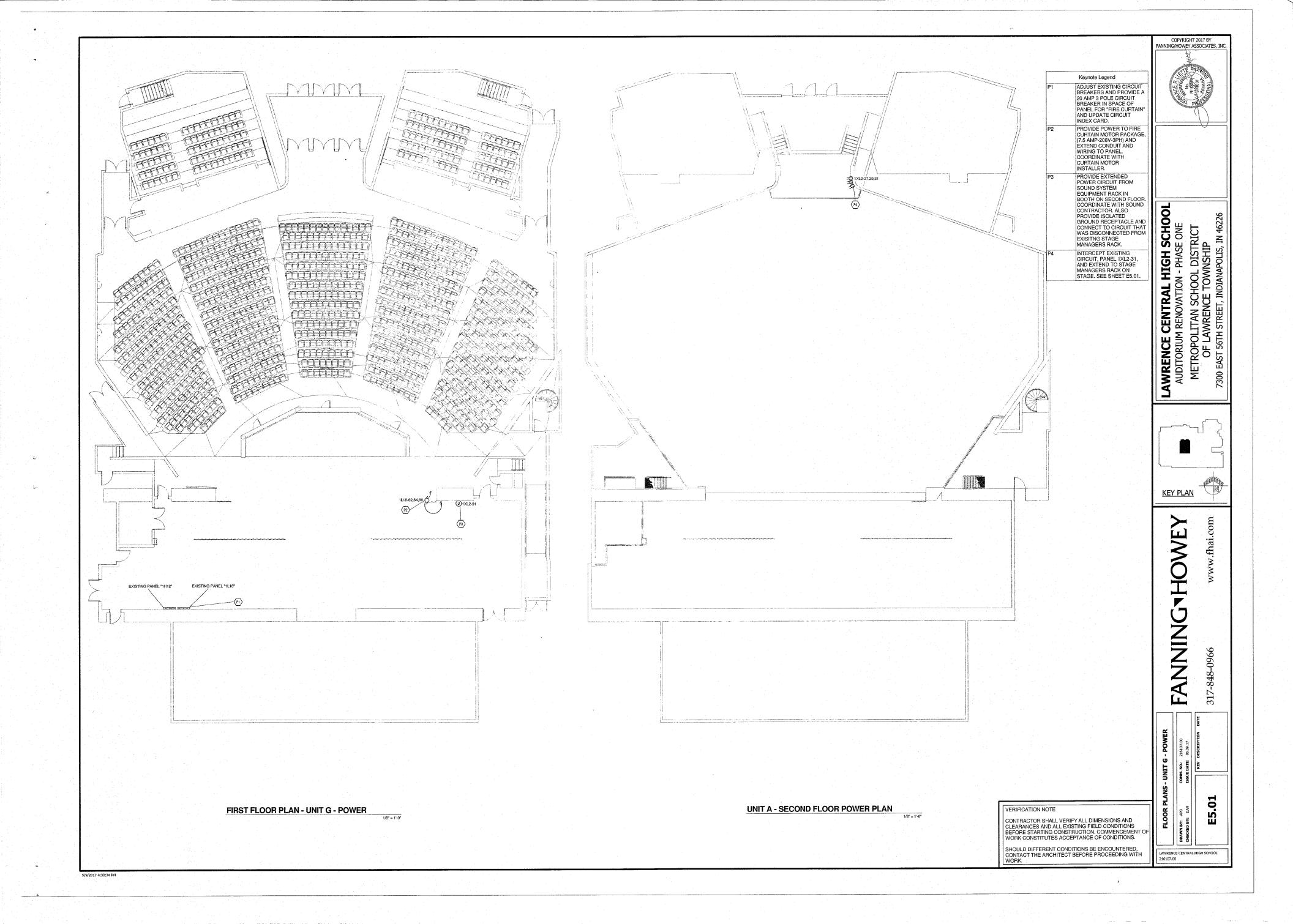
ALL EQUIPMENT AND CONDUIT SHOWN ON THIS DEMOLITION DRAWING IS EXISTING AND SHALL REMAIN IN SERVICE UNLESS NOTED OTHERWISE.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

LAWRENCE CENTRAL HIGH SCHOOL 216107.00







						, ' LU	MINAIRE SCHEDULE		
	I			LA	MPS		T		T -
PLAN TYPE	MANUFACTURER/CATALOG	MOUNTING	NO.	WATTS	TYPE	LUMENS	APPLIED VOLTAGE	DESCRIPTION	VA LOAD
LD1X	AQUARII ZINO SERIES ALTMAN LIGHTING CDR70 SERIES	RECESSED	1	75 W	LED	7500 lm	120 V	G-INCH ROUND LED DOWNLIGHT, VERY WIDE FLOOD REFLECTOR, GLARE REDUCER WHITE TRIM RING, DMX DIMMING TO 9%, 3000K CCT, 90 CRI, CONNECTED TO EMERGENCY TRANSFER RELAY IN DIMMING PANEL. FIXTURE MUST WORK WITH SELECTED DIMMING SYSTEM AND WIRING.	75 VA
LD2X	CANTOUS, THE RETRO 500	RECESSED	1	42 W	LED	3000 lm	120 V	4.5-INCH ROUND ENERGY EFFICIENT LED LIGHT ENGINE DESIGNED TO RETROFIT INTO AN EXISITING FIXTURE, CLEAR SPECULAR FINISH, CONVENTIONALLY DIMMED, NO CONTROL WIRE REQUIRED, 3000K CCT, 92CRI, 60 DEGREE BEAM ANGLE, CONNECTED TO EMERGENCY TRANSFER RELAY IN DIMMING PANEL. FIXTURE MUST WORK WITH SELECTED DIMMING SYSTEM AND WIRING.	42 VA
	ETC ARCSYSTEM SERIES, PRO FOUR-CELL PENDANT ARCP4R ALTMAN LIGHTING CDP70 SERIES	PENDANT	1	100 W	LED	5458 lm	120 V	ROUND CYLINDER DOWNLIGHT, 60 DEGREE REFLECTOR, MATTE WHITE FINISH, BLACK HOUSING FINISH, DMX DIMMING TO 0%, 3000K CCT, 90 CRI, CONNECTED TO EMERGENCY TRANSFER RELAY IN DIMMING PANEL. FIXTURE MUST WORK WITH SELECTED DIMMING SYSTEM AND WIRING.	100 VA
	ETC ARCSYSTEM SERIES ARCP4S ALTMAN LIGHTING CDP70 SERIES	SURFACE	to a	100 W	LED	5458 lm	120 V	DOWNLIGHT MOUNTED TO JUNCTION BOX ON CATWALKS VERTICAL SUPPORT, 60 DEGREE REFLECTOR, MATTE WHITE FINISH, BLACK HOUSING FINISH, DMX DIMMING TO 0%, 3000K CCT, 90 CRI, CONNECTED TO EMERGENCY TRANSFER RELAY IN DIMMING PANEL. FIXTURE MUST WORK WITH SELECTED DIMMING SYSTEM AND WIRING.	100 VA
	LITHONIA ZL1N SERIES STARTEK STARPOWER NOVA SERIES MERCURY LIGHTING LS SERIES	SURFACE	1	42 W	LED	5000 lm	120 V	46°, SURFACE MOUNTED, WHITE STEEL HOUSING, STRIP LIGHT, 3000K, 80 CRI.	42 VA
LD6X	ETC ARCSYSTEM SERIES, PRO ONE-CELL FIXED ARCP1 LUCIFER F4RFFS SERIES	RECESSED	1 .	25 W	LED	1646 lm	120 V	ROUND LED DOWNLIGHT, MINIMUM 50 DEGREE BÉAM ANGLE, WHITE TRIM RING, DMX DIMMING TO 0%, 3000K CCT, 90 CRI, CONNECTED TO EMERGENCY TRANSFER RELAY IN DIMMING PANEL. FIXTURE MUST WORK WITH SELECTED DIMMING SYSTEM AND WHIRE	25 VA
	SURE-LITES CX SERIES MCPHILBEN SE LINE SERIES LITHONIA SIGNATURE SERIES DUAL-LITE SEMPRA SERIES MULE LIGHTING MERIDIAN SERIES	SURFACE CEILING	0	o w	RED LED	0 lm	277 V	CAST ALUMINUM, EXIT SIGN, QUANTITY FACES AND DIRECTIONAL ARROWS INDICATED, WHITE FACE, WHITE HOUSING, MULTI VOLT, EMERGENCY TRANSFER DEVICE.	5 VA
		SURFACE WALL	0	o W	REDLED	0 lm	277 V	CAST ALUMINUM, EXIT SIGN, QUANTITY FACES AND DIRECTIONAL ARROWS INDICATED, WHITEFACE, WHITE HOUSING, MULTI VOLT, EMERGENCY TRANSFER DEVICE.	5 VA

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METROPOLITAN SCHOOL DISTRICT
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LUMINAIRE SCHEDULE - GENERAL NOTES

LUMINAIRE SCHEDULE - GENERAL NOTES

1. ALL LAMPS LISTED IN SCHEDULE ARE SYLVANNIA CATALOG NUMBERS, UNLESS OTHERWISE NOTED. EQUIAL LAMPS BY MANUFACTURERS INDICATED IN SPECIFICATION SECTIONS 265600 ARE ACCEPTABLE.

2. SEE SPECIFICATIONS FOR BALLAST REQUIREMENTS.

3. FOR ALL DOWNLIGHTING FIXTURES, PROVIDE REQUIRED MOUNTING HARDWARE FOR MOUNTING IN LAY-IN TYPE CEILINGS.

4. CONTRACTOR TO VERIFY TYPES AND QUANTITY OF LIGHT FIXTURES REQUIRING MEMERGENCY TRANSFER DEVICES AND PROVIDE REQUIRED QUANTITY OF EMERGENCY TRANSFER DEVICES. LABOR, MATERIAL, ETC. IN THE PROJECT BID FOR FIELD INSTALLATION OF EMERGENCY TRANSFER DEVICES.

1. LIGHT FIXTURE SUBMITITALS TO INCLUDE DATA SHEETS FOR ALL FIXTURE TYPES, INCLUDING ADDITIONAL DATA SHEETS FOR BALLAST COMBINATIONS REQUIRED TO MEET THE INSTALLATION REQUIREMENTS OF THE VARIOUS FIXTURE TYPES INDICATED IN THE REMARKS COLUMN OF THE FIXTURE SCHEDULES OR ON THE DRAWINGS. SUBMITTALS SHALL ALSO INDICATE COLOR FOR ANY CUSTOM COLOR LIGHT FIXTURES.

Existing conduit - Square New conduit - Circle Existing wire- Hexagon New wire - Triangle 40 40 D12 60 60 D34 38 (38) 38 D11 51 (51) 1062 42 42 D18 D17 (41 41 D33 (59) 59 D35 61 61 39 39 D23 D32 58 58 D63 52 52 50 50 D61 B31 57 57 89 89 D64 53 53 53 D36 62 62 88 88 55 55 D29 86 06 D67 54 54 D28 D37 63 63 87 87 90 90 56 56 D30 Dio 36 36 36 D26 47 47 46 46 D25 45 45 D24 D27 (48) 48 — D38 64 64 D67 86 86 D67 86 86 D67 (86) 86 D67 86 86

> FIRST FLOOR PLAN - UNIT G -THEATRICAL LIGHTING

SCALE: 1/8" = 1'-0"

ROOM LEGEND - FIRST FLOOR UNIT G ROOM NO. ROOM NAME | STAIR | STAI

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KEY PLAN

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FIRST FLOOR PLAN
IT G - THEATRICAL LIGHTING

RH COMM. NO.: 216107.00

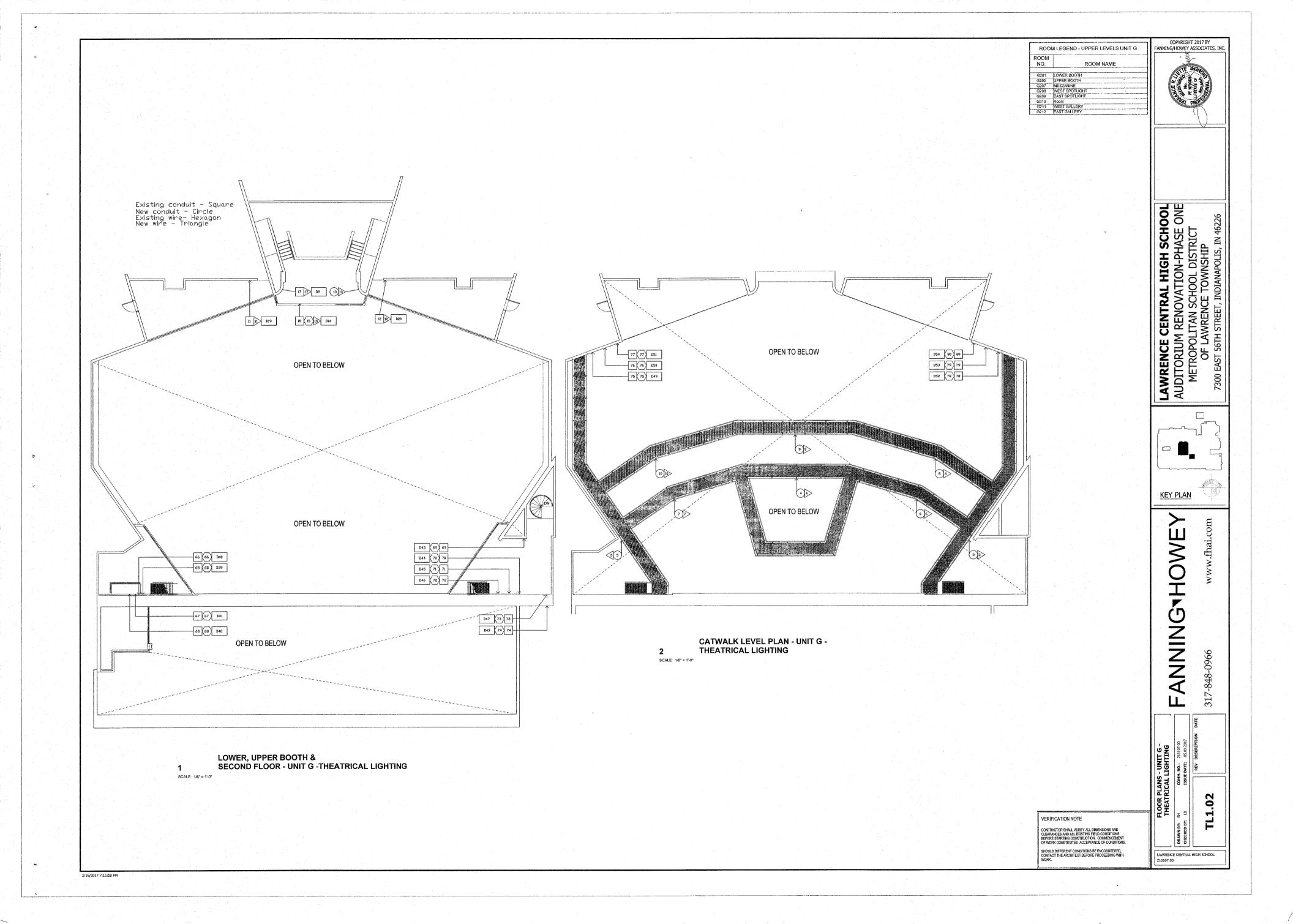
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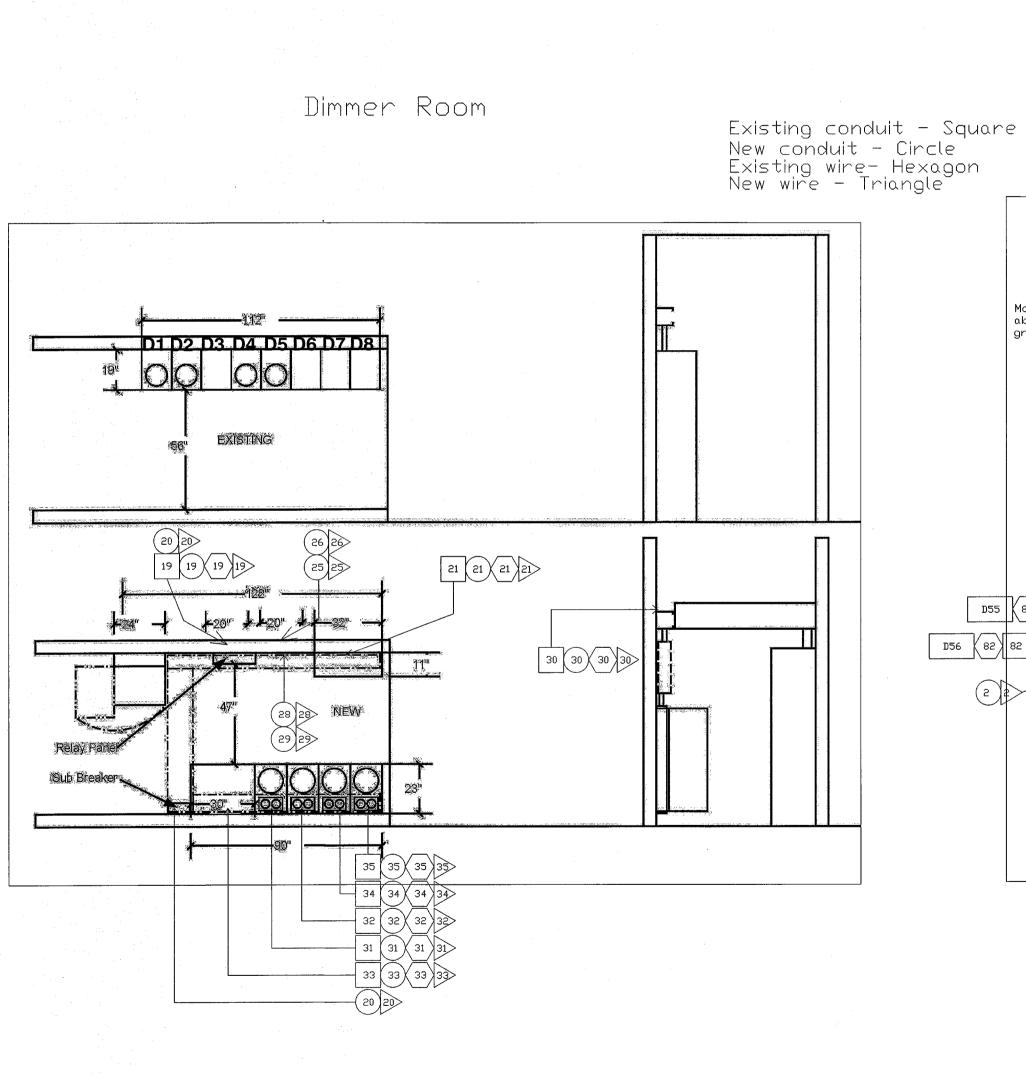
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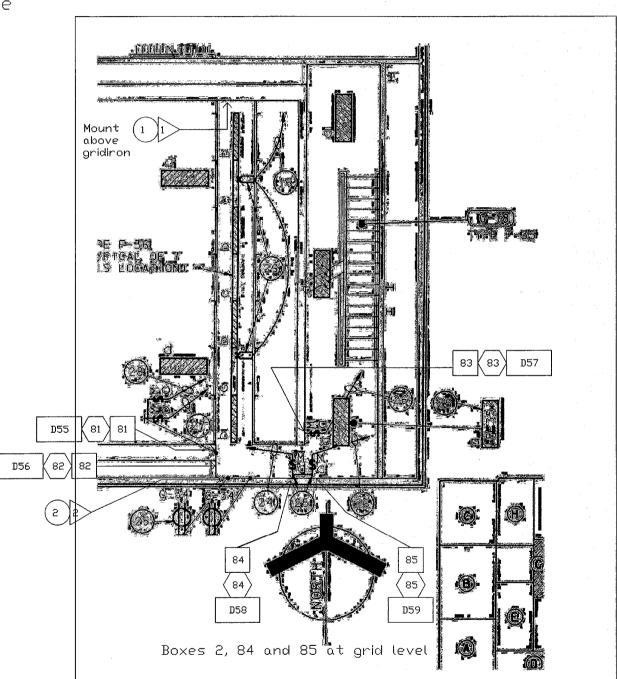
VERIFICATION NOTE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.





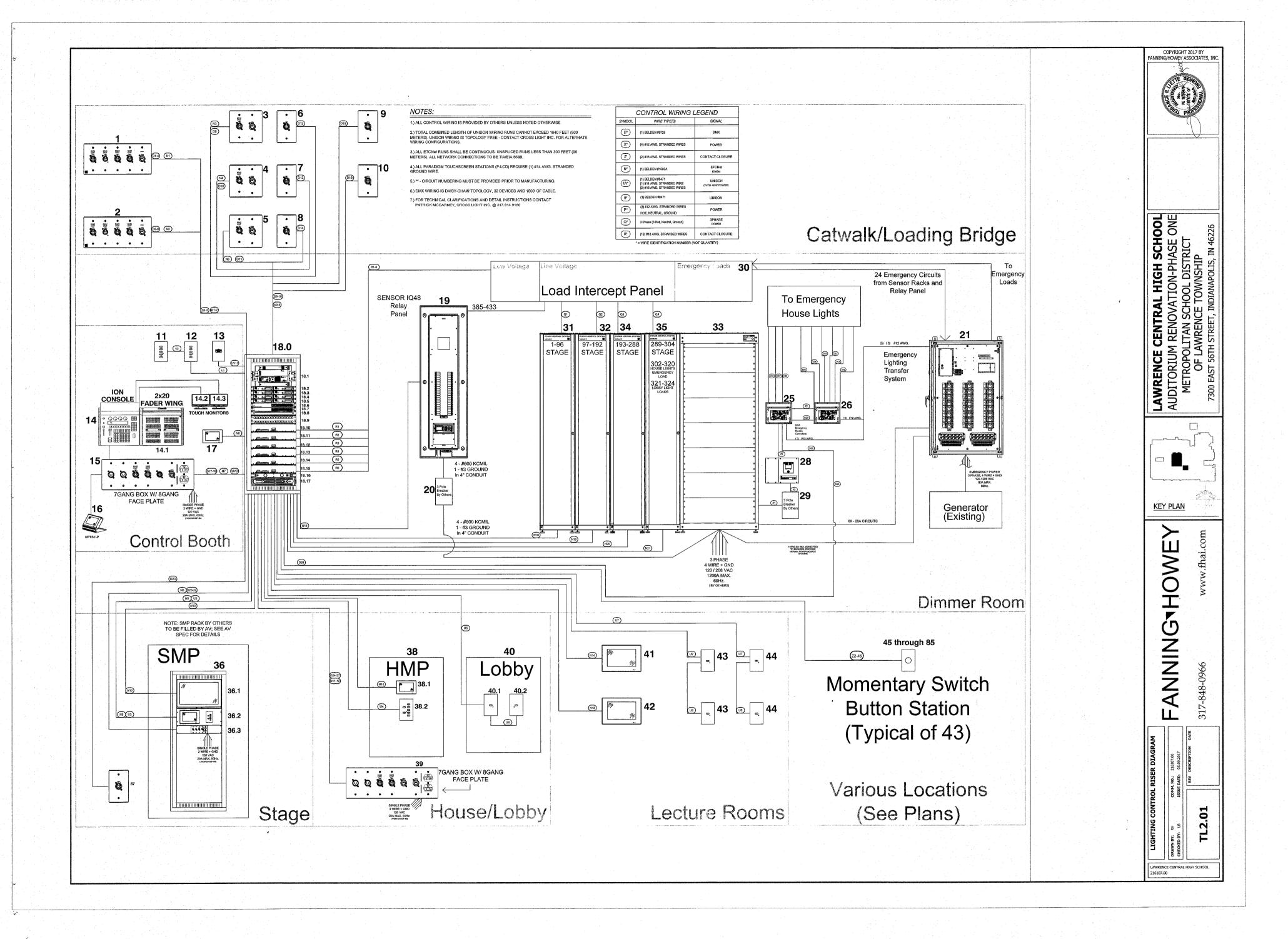
Loading Bridge Level

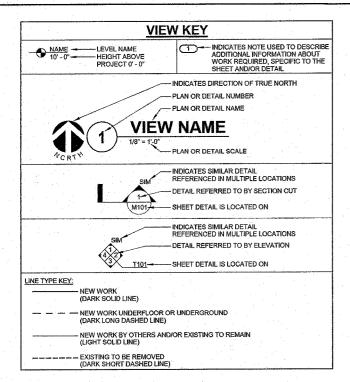


KEY PLAN

FANNING HOWEY

VERIFICATION NOTE





CONTRACTOR ABBREVIATION KEY						
ABBR:	DESCRIPTION:					
A.V.C.	AUDIO/VISUAL CONTRACTOR					
C.M.	CONSTRUCTION MANAGER					
E.C.	ELECTRICAL CONTRACTOR					
F.P.C.	FIRE PROTECTION CONTRACTOR					
G.C.	GENERAL CONTRACTOR					
T.C.	TECHNOLOGY CONTRACTOR					

	AV TECHNOLOGY SYMBOL LIST						
SYMBOL:	EQUIPMENT LIST ABBREVIATION:	DESCRIPTION:	NOTE:				
(SP)	AV-SP-E	PERFORMANCE AUDIO SPEAKER (CEILING) - EXISTING	1.3.				
SP#	AV-SP#-C	PERFORMANCE AUDIO SPEAKER (CEILING) - TYPE #	3.				
SP#	AV-SP#-W	PERFORMANCE AUDIO SPEAKER (WALL) - TYPE #	3.				
(SB1)	AV-SB1-C	SUBWOOFER (CEILING) - TYPE 1	3.				
FB	AV-FB-E	AUDIO/VISUAL FLOOR BOX - EXISTING	1.2.				
(FB1)	AV-FB-1	AUDIO/VISUAL FLOOR BOX - TYPE 1					
(FB2)	AV-FB-2	AUDIO/VISUAL FLOOR BOX - TYPE 2					
WP	AV-WP-E	AUDIO/VISUAL FACEPLATE (WALL) - EXISTING	1.2.				
WP1	AV-WP1-W	AUDIO/VISUAL FACEPLATE (WALL) - TYPE 1					
WP2	AV-WP2-W	AUDIO/VISUAL FACEPLATE (WALL) - TYPE 2					
WP3	AV-WP3-W	AUDIO/VISUAL FACEPLATE (WALL) - TYPE 3					
MP	AV-MP-E	MICROPHONE FACEPLATE (WALL) - EXISTING	1.2.				
VC#	AV-VC#-W	PERFORMANCE VOLUME CONTROL - TYPE#					
IS1	AV-IS1-W	INTERCOM STATION (WALL) - TYPE 1					
IS2	AV-IS2-W	INTERCOM STATION (WALL) - TYPE 2					
JB#	AV-JB#-W	JUNCTION BOX (WALL) - TYPE #	1.2.				
DIAME	TERø C	CONDUIT	2.				
		CONDUIT DOWN	2.				
	0	CONDUIT UP OR UP/DOWN	2.				
E		CONDUIT SLEEVE	2.				
9		CONTINUATION	2.				

1	1.	ALL SYMBOLS AND ABBREVIATIONS LISTED MAY NOT BE APPLICABLE TO THIS PROJECT.	ĺ
Ì		REFER TO THE AV EQUIPMENT SCHEDULE FOR MORE COMPLETE DESCRIPTION AND ITEMS.	ı
1	2.	ALL SYMBOLS AND ABBREVIATIONS REFER TO TECHNOLOGY SHEETS ONLY AS DEFINED ON	į
		THE SHEET INDEX.	i
	3.	ALL SYMBOLS LISTED ABOVE ARE FOR REFERENCE ONLY. REFER TO PLANS AND LINE TYPE	ı
1	1	KEY FOR NEW, EXISTING TO REMAIN AND TO BE REMOVED ITEMS FOR ADDITIONAL	ı
1	1	INFORMATION.	i

GENERAL NOTES:

TECHNOLOGY SYMBOL NOTES:

EXISTING TO REMAIN AS NOTED PER KEYNOTES AND GENERAL TECHNOLOGY EQUIPMENT SCHEDULE. BACK BOXES STAY FOR CEILING RECESSED SPEAKERS. THE EXISTING CONDUIT AND PATHS ON SITE SHALL BE INSPECTED FOR REUSE PRIOR TO BIDDING THIS PROJECT. EXISTING CONDUIT APPEARS REUSABLE FOR LIMITED APPLICATION, UND, BUT NO CABLE IS REUSED ANYWHERE. EXTEND NEW RATED RIGGING TO BILL DING STEEL. WITH NEW SUPPLEMENTAL STEEL AS REQUIRED TO MAINTAIN EXACT SPEAKER POSITIONS SHOWN ON TAOD LOUDSPEAKER LOCATION AND AIM SCHEDULE. SEE CANCENS ON AND A COMBINITY OF THE PROPERTY OF THE PRO EXISTING CABLE DEMO REQUIREMENTS AND COORDINATE WITH EXISTING CONDU CONDITIONS.
NEVER REUSE ANY EXISTING SUSPENSION OR RIGGING, NO EXCEPTION.

TECHNOLOGY ABBREVIATION KEY						
ABBR: DESCRIPTION:						
AFF	ABOVE FINISHED FLOOR					
BFC	BELOW FINISHED CEILING					
С	CONDUIT					
J-BOX	JUNCTION BOX					
SIM	SIMILAR					
TYP	TYPICAL					

INSTALL ABOVE COUNTER DEVICE AT 44" ABOVE FINISHED FLOOR.

INSTALL ABOVE COUNTER DEVICE AT 40" ABOVE FINISHED FLOOR.

ADA GUIDELINES - FRONT ACCESS

UNLESS NOTED OTHERWISE

MOUNTING HEIGHT ABOVE FINISHED FLOOR

UNO

SUGGESTED MA	TRIX OF	RESPO	NSIBILI7	<u>ry</u>
ITEM:	SHOWN ON:	FURNISHED BY:	INSTALLED BY:	NOTES:
AV ROUGH-IN, REFER TO GENERAL TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR DEFINITION	T-SERIES	E.C.	E.C.	3. 4. 8. 9.
AV OUTLET FACEPLATES, JACKS, AND TERMINATIONS	T-SERIES	A.V.C.	A.V.C.	1.
CONDUIT SLEEVES	T-SERIES	E.C.	E.C.	1.8.
AV SYSTEMS ROUGH-IN	T-SERIES	E.C.	E.C.	1. 8. 9.
AV EQUIPMENT, CABLING, AND TERMINATIONS	T-SERIES	A.V.C.	A.V.C.	1.4.
GROUNDING LUGS ON TECHNOLOGY EQUIPMENT	T-SERIES	A.V.C.	E.C.	6.
BONDING SYSTEM FOR TECHNOLOGY SYSTEM	T-SERIES	E.C.	E.C.	7.8.
CONNECTION OF TECHNOLOGY BONDING SYSTEM TO THE ELECTRICAL GROUND SYSTEM	T-SERIES	E.C.	E.C.	7.
LINE VOLTAGE POWER (+120V OR GREATER)	E-SERIES	E.C.	E.C.	8.
LINE VOLTAGE POWER (NOT SHOWN BUT REQUIRED FOR PROPER INSTALLATION OF SYSTEM)	N/A	E.C.	E.C.	2.4.8.
LOW VOLTAGE CABLING FOR TECHNOLOGY SYSTEMS	T-SERIES	A.V.C.	A.V.C.	7.
CABLE HANGERS AND SUPPORTS OR OTHER CABLE ROUTING METHODS (OTHER THAN CONDUIT AND CABLE TRAY)	T-SÉRIES	A.V.C.	A.V.C.	1. 5.
AV FLOOR BOX (ROUGH-IN)	T-SERIES	A.V.C.	A.V.C.	9.

SUGGESTED MATRIX OF RESPONSIBILITY NOTES

LOCATIONS OF AV ROUGH-INS SHALL BE INDICATED BY THE INFORMATION OUTLET SYMBOLS ON THE DRAWINGS, REFER TO THE TECHNOLOGY SYMBOL LIST FOR ADDITIONAL INFORMATION.

INFORMATION.

BASED ON THE INHERENT DIFFERENCES IN PRODUCTS FROM VARIOUS MANUFACTURERS, ALL REQUIRED EQUIPMENT MAY NOT BE SHOWN ON THE DRAWINGS FOR ALL ACCEPTABLE MANUFACTURERS.

INCLUDES BACKBOXES, INTERIM PULLBOXES, AND CONDUIT REQUIRED FOR THE AV SYSTEMS INSTALLATION.

ALL CHANGES TO THE SLEEVES, BACKBOXES, CONDUITS, AND POWER REQUIRED BECAUSE OF SELECTION OF AN ALTERNATE ACCEPTABLE MANUFACTURER OR FROM SYSTEM CONFIGURATIONS THAT ARE LET'T TO THE CHOICE OF THE CONTRACTOR SHALL BE INCLUDED IN THE T.C.'S BID.

JUNESS TRADE RILLES DICTATE OTDERANGE.

UNLESS TRADE RULES DICTATE OTHERWISE. FURNISHED AS PART OF THE EQUIPMENT, OR FURNISHED TO THE E.C. FOR INSTALLATION IN THE FIELD.

INCLUDES ALL CONDUCTORS, GROUND BARS, AND TERMINATIONS FOR THE COMPLETE BONDING SYSTEM REQUIRED BY THE SPECIFICATIONS. REFER TO ELECTRICAL DRAWNOS FOR LOCATIONS OF PANELS AND SWITCHBOARDS SHOWN IN THE TECHNOLOGY ELECTRICAL RISER DIAGRAM, GOORDINATE SURGEX, AND ADDED REMOTE CONTROLLED DEVICES WITH CABLING FOR REAR HOUSE AND STAGE LOCATIONS.

ALL EXISTING AV CABLE IS DEMO STATUS, UNO.

AV TECHNOLOGY GENERAL NOTES:

INDICATES GENERAL TECHNOLOGY EQUIPMENT SCHEDULE ITEM LABELED AS "EQUIPMENT LIST ABBREVIATION"
 REFER TO GENERAL TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR FULL DESCRIPTIONS AND MANUFACTURERS OF ALL DEVICES.

TECHNOLOGY MOUNTING SUBSCRIPT KEY:

A MOUNT AT +6" TO CENTERLINE ABOVE COUNTER OR BACKSPLASH
H MOUNT OR HENTED HORIZONTALLY
L MOUNT IN CASEWORK
M MOUNT IN MODULAR FURNITURE
S MOUNT IN SURFACE RACEWAY

A SLASH IS USED BETWEEN TWO SUBSCRIPTS, e.g., A/H.

AV TECHNOLOGY INSTALLATION NOTES:

THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE ADA STANDARDS FOR ACCESSIBLE DESIGN. REFER TO ADA GUIDELINES FOR ALL CONFIGURATIONS DETAIL ON

THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE ADA STANDARDS FOR ACCESSIBLE DESIGN. REFER TO ADA GUIDELINES FOR ALL CONFIGURATIONS DETAIL ON THIS PAGE FOR ADDITIONAL INFORMATION.
 CONCEAL ALL CONDUIT IN WALLS, PARTITIONS, ABOVE CELLING, IN FLOOR SLAB, ETC. UNLESS OTHERWISE INDICATED ON THE PLANS OR IN THE SPECIFICATIONS. CONDUIT IN MECHANICAL ROOMS AND STORAGE ROOMS WITHOUT CEILLINGS MAY BE EXPOSED ON BUILDING STRUCTURE.
 BOXES LOCATED ON OPPOSITE SIDES OF NON-RATED WALLS SHALL BE OFFSET A MINIMUM OF 6* HORIZONTALLY, BOXES ON OPPOSITE SIDES OF FIRE RATED WALLS SHALL BE OFFSET A MINIMUM OF 24* HORIZONTALLY, "THRU-THE-WALL" BOXES SHALL NOT BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF THE ARCHITECTISMINER.
 VERIFY ALL FURNITURE, MODULAR FURNITURE, AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL PLANS, ELEVATIONS, AND REVIEWED SHOP DRAWINGS, PRIOR TO MAKING THE ACTUAL AV INSTALLATION, ADDILIST OUTLIETS OR CONNECTION LOCATIONS TO ACCOMMODATE FURNITURE AND EQUIPMENT.
 AV EQUIPMENT SHALL BE MOUNTED TO ALLOW ACCESS TO ELECTRICAL AND MECHANICAL EQUIPMENT. ALL MOUNTING OF AV DEVICES ON EQUIPMENT SUPPLIED BY ANOTHER CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OPENINGS REQUIRED IN WALLS. ALL OPENINGS SHALL BE REPAIRED TO MATCH EXISTING BY A QUALIFIED CONTRACTOR AT THE EXPENSE OF THIS CONTRACTOR. ALL CONDUITS THROUGH WALLS SHALL BE GROUTED OR SEALED INTO OPENINGS.
 REMOVE AND REINSTALL ALL CELLING TILES AS REQUIRED FOR THE EXECUTION OF TELECOMMUNICATIONS WORK THAT IS OUTSIDE THE CONTRACT LIMITS OF CONSTRUCTION. REPLACE CELLING TILES WITH IDENTICAL MATERIAL WHERE DAMAGED BY THIS CONTRACTOR.
 FLUSH MOUNT ALL AV OUTLETS AT +18° FROM FLOOR (CENTERLINE DIMENSION), EXCEPT WHERE OTHERWISE NOTED. OUTLETS MAY BE SURFACE MOUNTED WHEN CONDUIT IS SPECIFIED EXPOSED.
 AVC SHALL CORDINATE HIS CABLE PATHS AND DIV 26 EXTENSION ON SITE IN A TIMELY FASHION.

AV TECHNOLOGY PHASING NOTES

THE EXISTING SCHOOL INTERCOM AND PAGING SYSTEM TO REMAIN OPERATIONAL. THE SYSTEM SHALL NOT BE DISRUPTED UNLESS COORDINATED IN ADVANCE WITH THE OWNER AND ENGINEER AND AT THEIR DISCRETION ON DATE AND TIME.

 REFER TO THE DIV 26 AND ARCHITECTURAL DRAWINGS FOR THE LOCATIONS OF THE FUTURE ACOUSTICAL CELLING CANOPY, ORCHESTRA PIT, AND EXISTING CONDITION FOR POWER HEADEND EQUIPMENT AND THE EXISTING ELECTRICAL EQUIPMENT LOCATIONS.

TECHNOLOGY SHEET INDEX

TECHNOLOGY COVER SHEET T000 T100 T101 T200 T201 T300 T301 T302 T400 FIRST FLOOR DEMO PLAN - TECHNOLOGY FIRST FLOOR DEMO PLAN - TECHNOLOGY SECOND FLOOR DEMO PLAN - TECHNOLOGY FIRST FLOOR PLAN - TECHNOLOGY SECOND FLOOR PLAN - TECHNOLOGY TECHNOLOGY DETAILS TECHNOLOGY DETAILS TECHNOLOGY DETAILS TECHNOLOGY SCHEDULES



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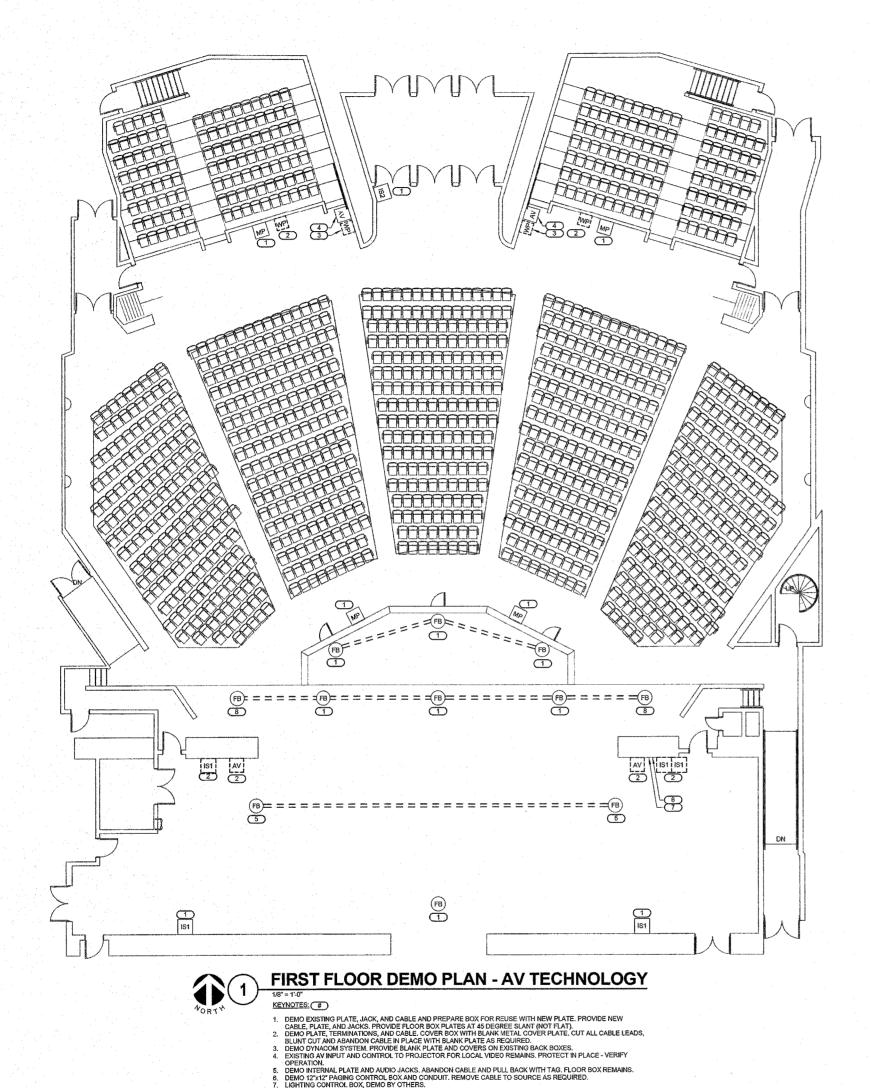
TECHNOLOGY COVER SHEET

10"-24" MAX.

INSTALL DEVICE AT 42" ABOVE FINISHED FLOOR.

INSTALL DEVICE AT 44" ABOVE FINISHED FLOOR.

ADA GUIDELINES - SIDE ACCESS



LIGHTING CONTROL BOX, DEMO BY OTHERS.
 DEMO INTERNAL PLATE AND AUDIO JACKS. RÉMOVE CABLE IF POSSIBLE. FLOOR BOX REMAINS.

SHEET NOTES:

- REFER TO GENERAL TECHNOLOGY
 EQUIPMENT SCHEDULE ON T400 FOR DEVICE
 INFORMATION AND GENERAL CONDUIT
 REQUIPMENTS.
 EXISTING AV CONDUIT MAY BE REUSED OR
 EXTENDED FOR NEW CABLING. AV
 CONTRACTOR SHALL VISIT SITE BEFORE
 BIDDING TO INSPECT FOR REUSE. SHOULD
 AVC NOT INSPECT SITE, AVC SHALL NOT
 ASSUME CONDUIT REUSE IS AVAILABLE FOR
 BIDDING PURPOSES UNTIL HE INSPECTS THE
 SITE FIRST.
 NO AV CABLE IS REUSED ANYWHERE, UNLESS
 SPECIFICALLY NOTED OTHERWISE.
- SITE FIRST.

 NO AV CABLE IS REUSED ANYWHERE, UNLESS
 SPECIFICALLY NOTED OTHERWISE.

 SHOULD ANY AV CABLE BE NOTED FOR REUSE,
 IT MUST BE TESTED, TAGGED, AND REPORTED
 ON A FIELD SCHEDULE, WITH TEST DATE TO
 OCCUR BEFORE DEMO DATE. SCHEDULE OF
 TEST, REPORT, AND DATE SHALL APPEAR ON
 SHOPS (SUBMITTALS) FOR ANY AND ALL CABLE
 THAT IS REUSED, WITH PERMISSION.
 ALL EXISTING AV BOXES THAT ARE NOT
 REUSED SHALL BE COVERED WITH A NEW
 METAL BLANK PLATE.
 ANY AV CABLE THAT IS NOTED AS ABANDONED
 IN PLACE SHALL BE BLUNT CUT AND TAPED AT
 EACH CABLE, AND A BLANK METAL PLATE
 SHALL COVER.

 IF CABLE IS NOT NOTED TO BE ABANDONED IN
 PLACE, COVERED, OR REUSED, IT IS PULLED
 OUT AND DISCARDED.
 IN ALL CASES, NO MICROPHONE CABLE IS
 REUSED, ANYWHERE. CLEAR EXISTING
 MICROPHONE CONDUITS.
 IF ANY PLATE OR JACK IS NOTED AS
 SPECIFICALLY REUSED, IT SHALL BE A NEW
 JACK, NEW TERMINATION, NEW LABEL, AND
 TESTED UNDER WARRANTY. OTHERWISE, NO
 EXISTING JACKS ARE REUSED, ANYWHERE.

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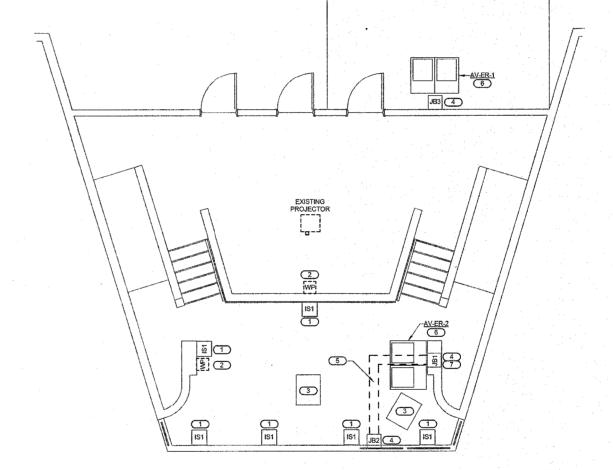
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FIRST FLOOR DEMO PLAN -TECHNOLOGY

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UPSTAIRS MIX POSITION DEMO PLAN - AV TECHNOLOGY

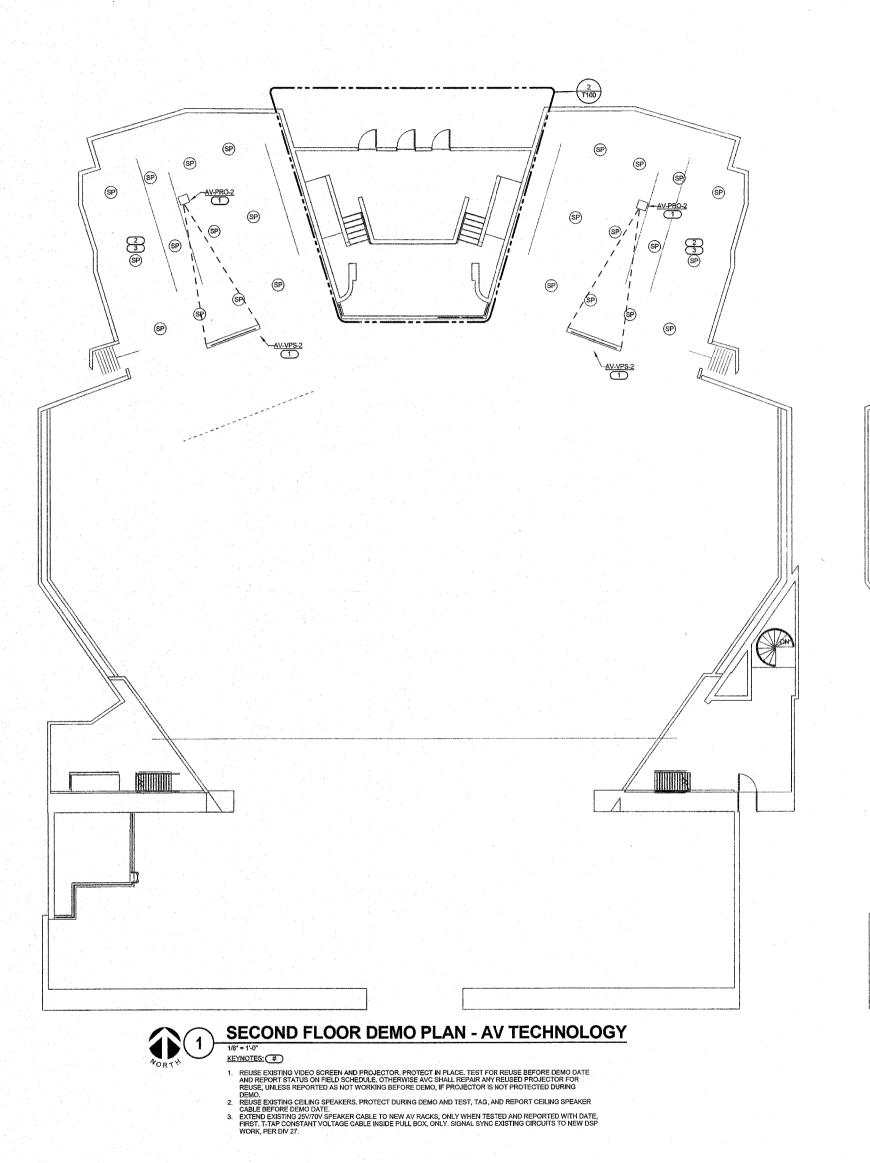
1. DEMO EXISTING PLATE AND JACK, AND PREPARE BOX FOR REUSE. TAG CABLE AS PULL STRING TO PROVIDE NEW CABLE, PLATE, AND JACK.
2. DEMO AND PROVIDE BLANK PLATE/COVER. REMOVE CABLE TO SOURCE. IDENTIFY AND TAG CONDUIT FOR FUTURE USE.
3. EXISTING SAUTED RACKS. DEMO EXISTING AV COMPONENTS, PROTECT RACK SHELVES AND STORAGE DRAWFRES FOR REUSE.
4. EXISTING AUDIO SYSTEM JUNCTION BOXES. DEMO AND REMOVE ALL AV CABLE, TO SOURCE AND FIELD TERMINATION.
5. EXISTING CABLE ROUTE UNDER FLOOR WITH METAL COVER. PULL COVER AND CLEAN TRENCH AS REQUIRED. REMOVE ALL AV CABLE, NO EVECTION.

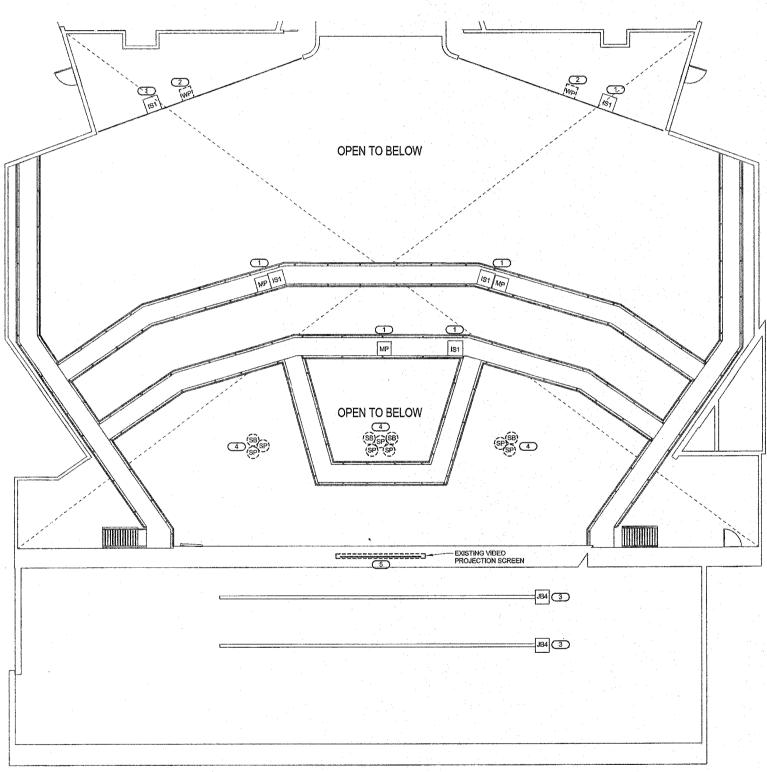
EXCEPTION.

CLEAR AND CLEAN RACKS AND CABLING. DO NOT REUSE ANY AV CABLING, UNO. COORDINATE EXISTING POWER WITH NEW AV POWER RISER DETAIL. TEST, VERIFY, AND REPORT ON SHOPS, EXISTING AC POWER WITH ALL NEW WORK. SEE DIV 26 SCOPE FOR AV AND AC. AVC SHALL FULLY COMPLY WITH DIV 27 41 01 AND DIV 27 05 01 SPECIFICATIONS FOR AV SHOPS WITH TESTED, UNIPOINT GROUND WIRE FROM SINGLE AV PANEL FOR ALL RACKS.

PAREL FOR ALL RACKS.

EXISTING CONDUIT INCLUDES, BUT IS NOT LIMITED TO: 1-1/2" C (292 - 24 QTY), INTERCOM - WP 265 - (12 QTY) 3/4" C, MIC LINES - (4 QTY) 3/4" C, SNAKE CABLE DOWN. DEMO ALL CABLE IN THESE CONDUITS. ADDITIONAL 3/4" THROUGH 1-1/2" C MAY BE AVAILABLE WITH FURTHER INSPECTION FOR REUSE. IF CONDUITS FOUND, DO NOT REUSE CABLE AND PULL NEW CABLE IN ALL CASES.



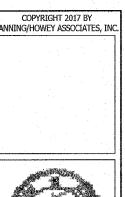


CATWALK LEVEL DEMO PLAN - AV TECHNOLOGY

1/8" = 1'-0"
KEYNOTES: #)

- DEMO EXISTING PLATE, JACK, AND PREPARE FOR REUSE. TAG CABLE FOR PULL STRING AND REMOVE EXISTING CABLE.
 DEMO AND PROVIDE BLANK PLATE OR COVER. REMOVE CABLE TO SOURCE. IDENTEY AND TAG CONDUIT FOR FUTURE USE.
 DEMO EXISTING OVERHEAD MICROPHONES AND TURN OVER TO OWNER. REMOVE CABLE AND TAG JUNCTION BOXES FOR REUSE WITH NEW CABLE, NEW MICS. MANAGE CABLE NEATLY ON BATTEN FOR BATTEN MOVEMENT.
 DEMO ALL EXISTING MAIN LOUDSPEAKERS, RIGGING COMPONENTS, AND ALL CABLE TO SOURCE. NO EXISTING CABLE IS REUSED. NO SUSPENSION REUSED.
 DEMO EXISTING VIDEO SCREEN. PREPARE SPACE FOR REPLACEMENT SCREEN.





SHEET NOTES:

SHEET NOTES;

REFER TO GENERAL TECHNOLOGY
EQUIPMENT SCHEDULE ON 1400 FOR DEVICE
INFORMATION AND GENERAL CONDUIT
REQUIREMENTS.
EXISTING AV CONDUIT MAY BE REUSED OR
EXTENDED FOR NEW CABLING. AV
CONTRACTOR SHALL VISIT SITE BEFORE
BIDDING TO INSPECT FOR REUSE.
NO AV CABLE IS REUSED ANYWHERE, UNLESS
SPECIFICALLY NOTED OTHERWISE.
I. IF ANY AV CABLE IS NOTED FOR REUSE, IT
MUST BE TESTED, TAGGED, AND REPORTED
ON A FIELD SCHEDULE, WITH TEST DATE TO
COCUR BEFORE DEMO DATE. SCHEDULE OF
TEST, REPORT, AND DATE SHALL APPEAR ON
SHOPS (SUBMITTALS) FOR ANY AND ALL CABLE
THAT IS REUSED.
ALL EXISTING AV BOXES THAT ARE NOT
REUSED SHALL BE DUNT CUT AND TAPED AT
EACH CABLE, AND A BLANK METAL PLATE
SHALL COVER.
IF CABLE SHALL BE BLUNT CUT AND TAPED AT
EACH CABLE, AND A BLANK METAL PLATE
SHALL COVER.
IF CABLE IS NOT NOTED TO BE ABANDONED IN
PLACE SHALL BE BLUNT CUT AND TAPED AT
EACH CABLE, AND A BLANK METAL PLATE
SHALL COVER.
IF CABLE IS NOT NOTED TO BE ABANDONED IN
PLACE, COVERED, OR REUSED, IT IS PULLED
OUT AND DISCARDED.
BIN ALL CASES, NO MICROPHONE CABLE IS
REUSED, ANYWHERE CLEAR EXISTING
MICROPHONE CONDUITS,
II ANY PLATE OR ASK IS NOTED AS
SPECIFICALLY REUSED, IT SHALL BE A NEW
JACK, NEW TERMINATION, NEW LABEL, AND
TESTED UNDER WARRANTY.



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SECOND FLOOR DEMO PLAN TECHNOLOGY
NI BY: MTB COMM.NO.:
KED BY: ISSUE DATE: 05.09.2017
REV DESCRIPTION D

T101 DRAWN BY: A

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REFER TO GENERAL TECHNOLOGY EQUIPMENT SCHEDULE ON T400 FOR DEVICE INFORMATION AND GENERAL CONDUIT REQUIREMENTS.

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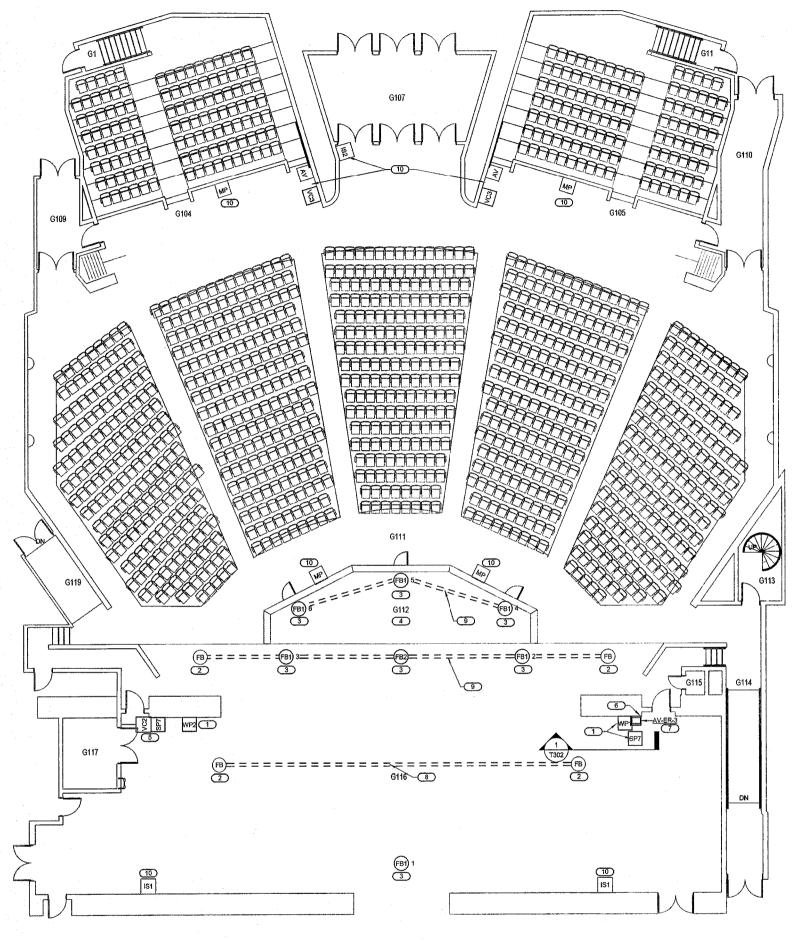
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<u>KEY PLAN</u>

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FIRST FLOOR PLAN - TECHNOLOGY COMM, NO.: ISSUE DATE: 0



FIRST FLOOR PLAN - AV TECHNOLOGY

COORDINATE WALL DEVICE LOCATION OUTSIDE OF STAGE CURTAIN AND ROPE PULLEYAPPROXIMATELY 7-1/12 FROM PROSCENIUM WALL EDGE. SEE DETAIL 1/T302.
 EXISTING FLOOR BOX TO REMAIN, PROVIDE INEW BLANK PLATE FOR FUTURE.
 EXISTING FLOOR BOX WITH NEW PLATE. REFER TO SIGNAL RISER 1/T300 FOR CONNECTIVITY,
INSPECT BASEMENT BELOW FOR REUSE OF EXISTING CONDUIT AND BOXES, DO NOT REUSE
CABLE.

OVIDE NEW UMBILICAL CORD FOR MICROPHONE CABLE, SPEAKER CABLE, AND CATEGOR

4. PROVIDE NEW UMBILICAL CORD FOR MICROPHONE CABLE. SPEAKER CABLE, AND CATEGORY CABLE TO PIT LIFT BOXES. CONJERN AS MOISTURE FREE WHEN AV CONDUIT IS IN PIT FLOORY.

5. VOLUME CONTROL AT SWITCH HEIGHT. SPEAKER AT 90" AFF TYPICAL IN CORNER, AIMED TO OPPOSITE CORNER DOUBLE DOORS. EXTEND NEW 3/4"C TO AMP RACK.

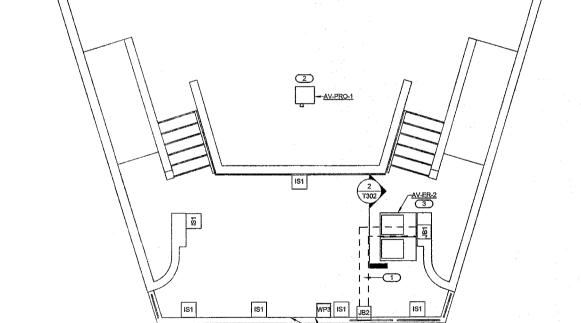
OR WAY ACABLE IS REQUIRED IN EXISTING CONDUITS AND GUTTER BOX, BELOW. CLEAR NEW PATHS AS REQUIRED IN EXISTING FORDUITS FOR REUSE WITH NEW CABLE.

CIRCUIT #31 EXTENDED FROM EXISTING PANEL #11/2! IN SOUTH CORRIDOR AND TO STAGE MANAGERS RACK. EXISTING 1-GANG WALL DUPLEX FOR LIGHTING DIMMING SYSTEM TO BE RELOCATED TO AY RACK AND COORDINATED WITH LIGHT PANEL SUPPLIED AT RACK, BY OTHERS. SEE ELEVATION DETAIL 1/T302 FOR LIGHTING POSITION AT RACK. SEE DETAIL 1/T301 FOR MORE ELECTRICAL REQUIREMENTS.

8. ABANDON EXISTING AV CABLE BELOW WITH BLUNT CUT AND TAPE OFF.

9. NEW AV CABLING REQUIRED. REUSES OF EXISTING CONDUIT IS ALLOWED.

10. REUSE EXISTING CONDUIT PATHS ONLY AS POSSIBLE AFTER INSPECTION AND CLEARING OUT ALL EXISTING CABLE. DO NOT REUSE CABLING.



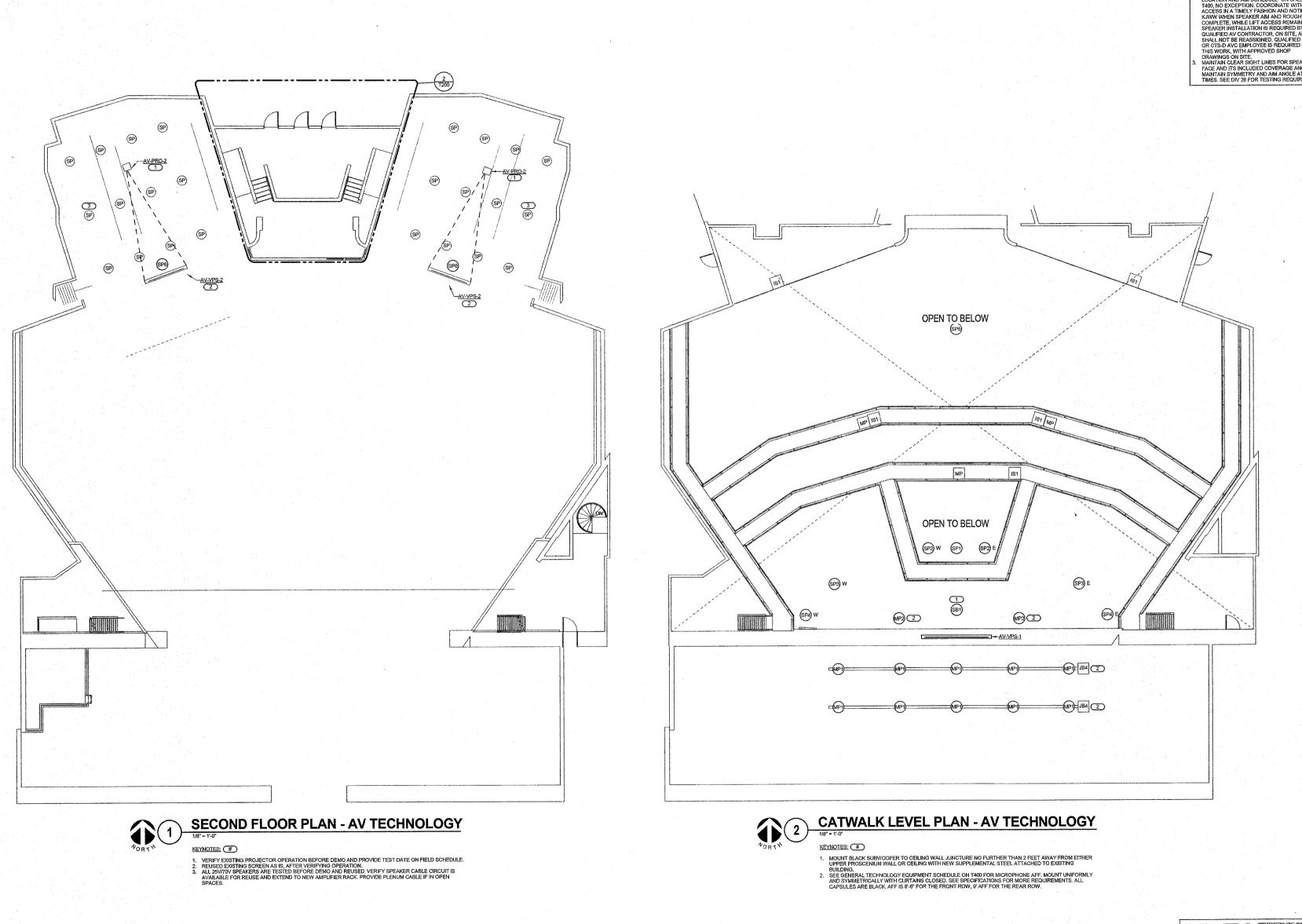
UPSTAIRS MIX POSITION - AV TECHNOLOGY

1. EXISTING CABLE ROUTE UNDER FLOOR WITH METAL COVER. REUSE PATH FOR CABLING FROM MAIN RACK TO CONTROL DESK AND MIXER. NO CABLE IS REUSED.

2. VERIFY FINAL FIELD LOCATION WITH EXISTING 20 AMP POWER AND NEW CABLING. SUBMITTAL/SHOPS REQUIRE LENS VERIFICATION TO NEW SCREEN, BEFORE INSTALLATION.

3. SEE DETAIL 1/1301 FOR DIV 16 WORK REQUIRED WITH EXISTING POWER. REFER TO ELECTRICAL DRAWINGS WITH EXISTING PAUBLE #1x12.

4. (2 QTY) EXISTING AUDIO DUPLEX. E.C. TO ADD AV-SRGX-W SURGE PROTECTION WITH REMOTE LOW VOLTAGE CONTROL BETWEEN ELECTRICAL PANEL #1x12 CIRCUIT #48 AND MIX BOOTH DUPLEX OUTLETS FOR SEQUENTIAL POWER TO DIGITAL MIX CONTROL AT BOOTH, REFER TO DETAIL 1/1302 FOR MORE INFORMATION. COORDINATE WITH DIV 26 E.C. DURING DEMO PHASE IN A TIMELY MANNER, ON SITE.



SHEET NOTES:

SHEET NOTES:

REFER TO GENERAL TECHNOLOGY
EQUIPMENT SCHEDULE ON T400 FOR DEVICE
INFORMATION AND GENERAL CONDUIT
REQUIREMENTS.

ALL NEW LOUDSPEAKERS ON THIS SHEET ARE
PRECISION AIM, PE RATED OVERHEAD
SUSPENSION, AND SHALL HAVE
SUPPLEMENTAL STEEL AS REQUIRED TO
MAINTAIN PLACEMENT PER "LOUDSPEAKER
LOCATION AND AIM SCHEDULE" ON SHEET
T400, NO EXCEPTION. COORDINATE WITH LIFT
ACCESS IN A TIMELY FASHION AND NOTIFY
KJWW WHEN SPEAKER AIM AND ROUGHIN IS
COMPLETE, WHILE LIFT ACCESS REMAINS.
SPEAKER INSTALLATION IS REQUIRED BY
QUALIFIED AV CONTRACTOR, ON SITE, AND
SHALL NOT BE REASSIGNED, QUALIFIED CTSOR CTS-D AVC EMPLOYEE IS REQUIRED FOR
THIS WORK, WITH APPROVED SHOP
DRAWINGS ON SITE.

MAINTAIN CLEAR SIGHT LINES FOR SPEAKER
FACE AND ITS INCLUDED COVERAGE ANGLE.
MAINTAIN SYMMETRY AND AIM ANGLE AT ALL
TIMES. SEE DIV 28 FOR TESTING REQUIRED.

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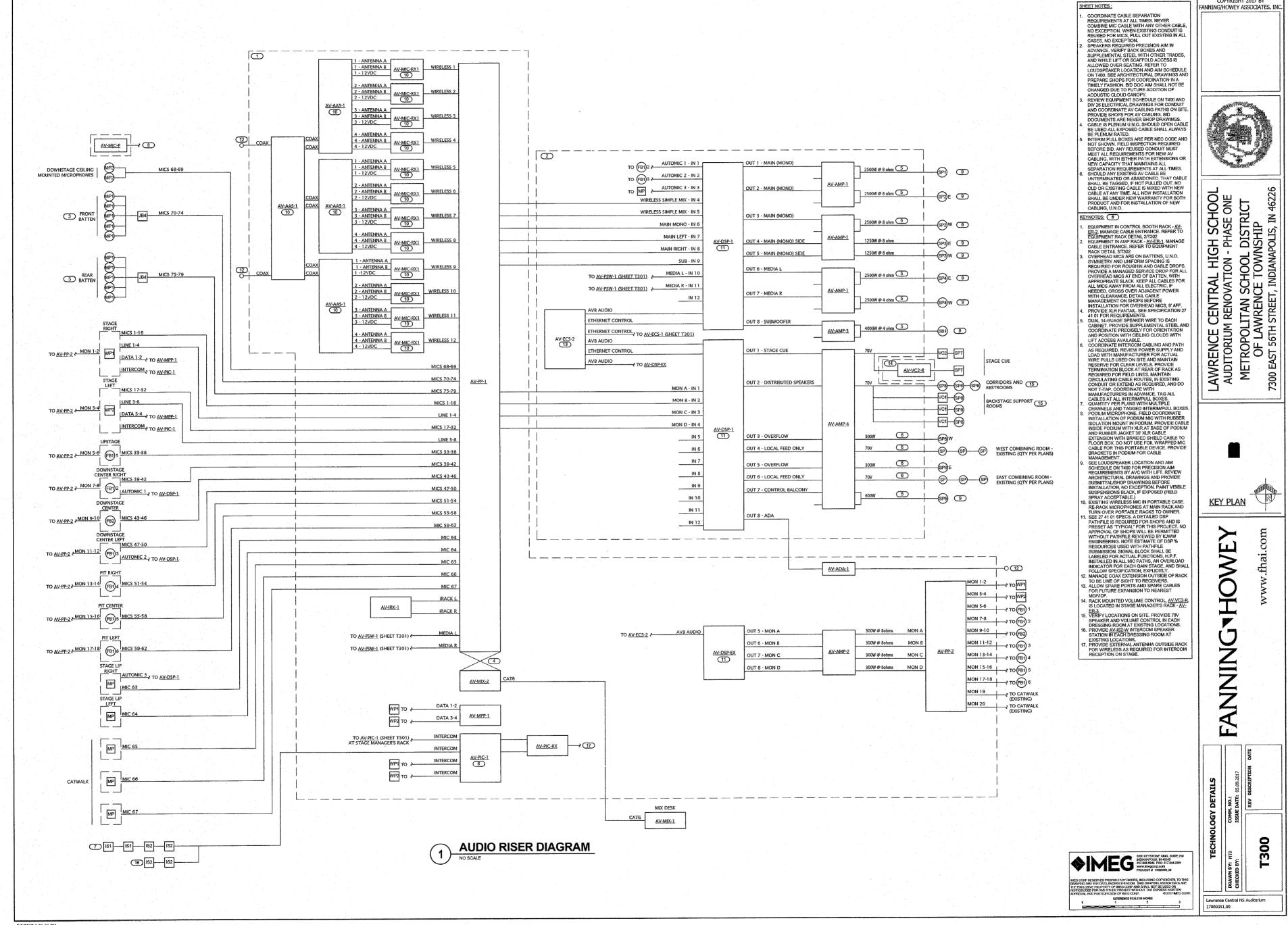


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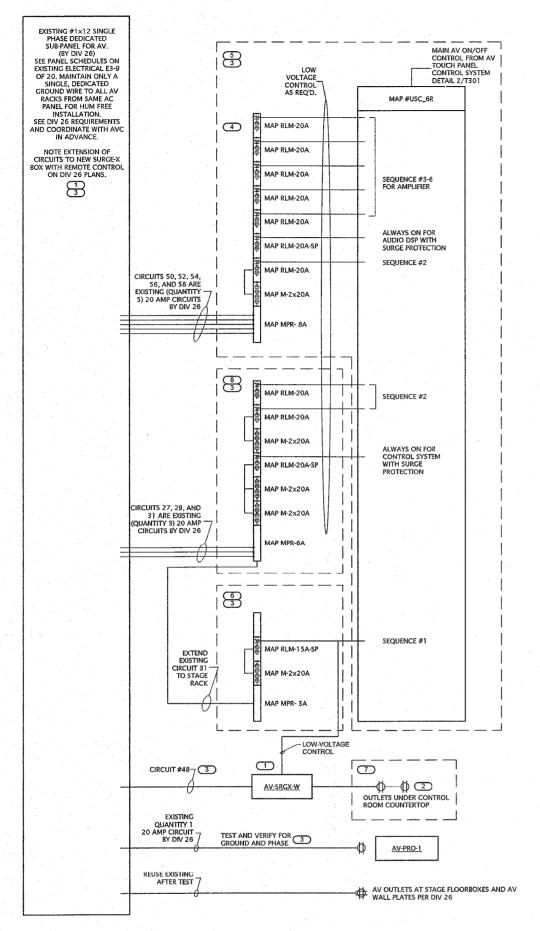
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ELECTRICAL RISER DIAGRAM NO SCALE

REVIEW AV AC POWER LOCATION WITH DIV 26 BEFORE BID DATE AND INCLUDE ALL WORK.
 AV RACK STRIPS AND SEQUENCER IS PROVIDED BY AV DIV 27 TO EC DIV 26 - INSTALLED BY DIV 26 CONTRACTOR
 REFER TO SPECIFICATION 27 410 FOR AC POWER SEQUENCER REQUIREMENTS AND PRODUCT MODEL.

DIV 27 CONTRACTOR TO PROVIDE LOW-VOLTAGE CONTROL FOR SEQUENCE ON/OFF, MOUNT SURGE-X AT MIX AREA AND INSERT BEFORE EXISTING AC UTILITY OUTLETS AT WALL, FOR MIXER SEE BIV 26
 COORDINATE WITH THEATRICAL DRAWINGS PLUS ARCHITECTURAL DRAWINGS FOR MEANS AND METHODS. VERIETY SINGLE TECHNICAL GROUND BETWEEN BOOTH AND RACKS WITH DIV 26 EC.

TEST EOR ALT TECHNICAL GROUND TO AVERACES AND VERIETY SINGLE.

3. TEST FOR AV TECHNICAL GROUND TO AV RACKS AND VERIFY SINGLE GROUND WITHOUT HUM OR BUZZ. ALL AV SHALL BE A UNIPOINT TECHNICAL GROUND BETWEEN ALL SYSTEM RACKS AND MIX LOCATION.

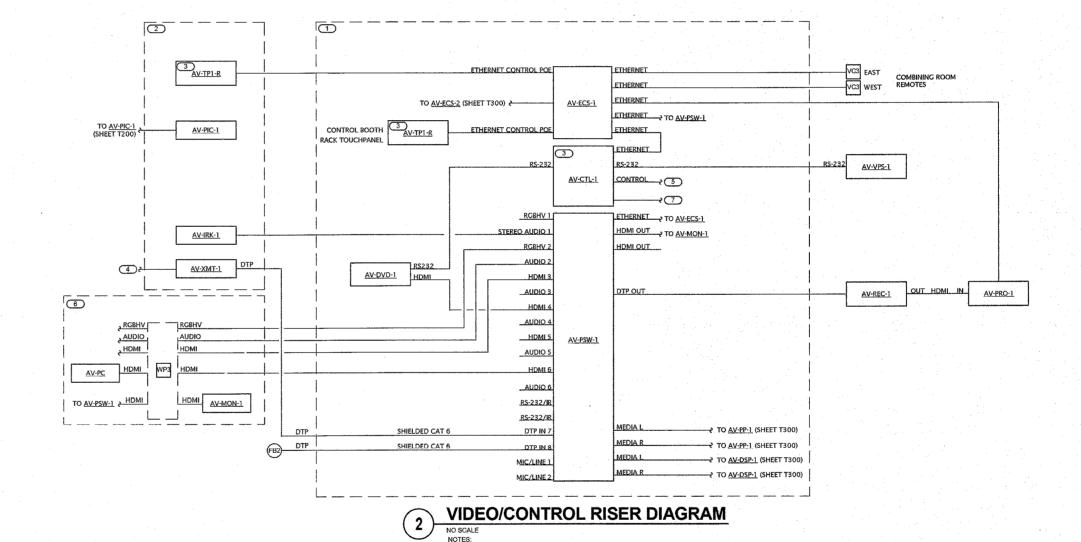
4. MODULAR POWER STRIP PROVIDED BY DIV 27 WITH 120VAC TERMINATION BY DIV 28.

5. MAIN AMP RACK - AV-ER-1.

6. STAGE MANAGER'S RACK - AV-ER-3.

7. COUNTER TOP OUTLETS.

8. CONTROL BOOTH RACK - AV-ER-2.



1. CONTROL BOOTH RACK AVER.2 - REFER TO ELEVATION 2/T302.
2. STAGE MANAGER RACK AVER.3, REFER TO DETAIL 1/T302 FOR LAYOUT.
3. ALL TOUGH PANELS ARE PROGRAMMED IDENTICALLY, REFER TO SPEC 27 41 01 AND 27 65 01 FOR COMPLETE CONTROL REQUIREMENTS. TOUGH PANEL CONTROLS SHALL INCLUDE, BUT NOT BE LIMITED TO:

MANA VA SYSTEM POWER ON/OFF PROJECTOR ON/OFF AND VIDEO MUTE

SYSTEM MODE: SIMPLE OR FULL TECHNICAL MODE

AUDIO VOLUME CONTROL:

AUTOMIC MIC VOLUMES

WIRELESS AUTOMIC - HEADSET

AUTOMIC MIC VOLUMES
WIRELESS AUTOMIC - HEADSET
WIRELESS AUTOMIC - HANDHELD
MEDIA INPUT (IPLATE OR RACK)
VIDEO (SWITCHER) AUDIO VOLUME
MASTER TALKER VOLUME
MASTER TALKER VOLUME
MASTER MEDIA VOLUME
WIDEO SWITCHING:
INPUTS TO PROJECTOR
PORTABLE MEDIA INPUT CONTROL
VIDEO SCREEN CONTROL
D'UD PLAYBACK CONTROLS
PRESET LIGHTING CONTROL - (CABLE AND PRESETS BY OTHERS)
PRESET LIGHTING CONTROL - (CABLE AND PRESETS BY OTHERS)
PROVIDE AUDIO SPEAKER ON FOR OVERFLOW ROOMS AND MUTE VIDEO FOR
LOCAL SYSTEM.

LOCAL SYSTEM.

4. PROVIDE VGA, 3.5mm, AND HDMI CABLE FOR CONNECTION OF OWNER PROVIDED EQUIPMENT AT STAGE MANGERS RACK.

5. MAIN AV SYSTEM ON/OFF CONTROL TO AC POWER SEQUENCER. REFER TO DETAIL

MAIN AV SYSTEM ON/OFF CONTROL TO AU POWER SEQUENCER. REFER TO DETAIL
1/17301.
 CONTROL BOOTH DESK: PROVIDE VGA, 3.5mm AUDIO, AND HOMI CABLE TO CONTROL
BOOTH DESK FOR PORTABLE LAPTOP INPUT. PROVIDE HOMI CABLE TO LOCAL PC
AND LOCAL PREVIEW DISPLAY.
 RS-232 CONTROL TO AUDITORIUM LIGHTING SYSTEM FOR LIGHTING PRESET.
PROVIDE CONTROL CABLE FROM RACK TO WALL MOUNTED RS-232 OUTLET
INSTALLED BY LIGHTING SYSTEM CONTRACTOR. COORDINATE WITH LIGHTING
CONTROL CONTRACTOR FOR CONTROL REQUIREMENTS.

NOTES:

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KEY PLAN

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TECHNOLOGY DETAILS

1: MTB COMM. NO.:
1SSUE DATE: 05.09.2017

REV DESCRIPTIO T301

BOUNDEDG*

BOUNDEDG

**BOU NATIONAL PARTICULATION OF SINGLE CARD.

REFERENCE SCALE IN INCHES

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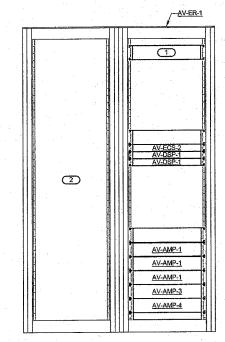
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AV-MIX-2 AV-PP-1 ① AV-TP1-R AV-PP-2 2 AV-DSP-EX AV-CTL-1 AV-ECS-1 AV-MPP-1 AV-UD-3 AV-AMP-2

_AV-ER-2

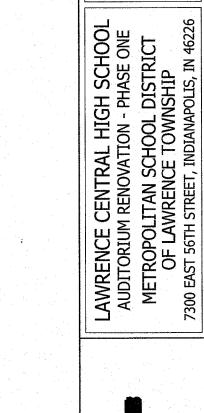
CONTROL BOOTH RACK ELEVATION

PROVIDE BRUSH GROMMET CABLE PASS THROUGH PANEL WITH STRAIN RELIEF FOR AUDIO MIXER FANTAIL PATCH CABLE.
 PROVIDE (6 QTY 2' AND 2 QTY 3') SPEAKON PATCH CABLES, 14 AWG, FOR SPEAKER MONITOR PATCH PANEL.



AMP RACK ELEVATION

AC POWER SEQUENCER CONTROL.
 EXISTING SPARE AMPS, WIRED TO AC STRIP.





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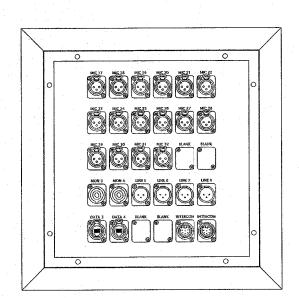
TECHNOLOGY DETAILS T302

Lawrence Central HS Auditorium 17000351.00



PROVIDE 2u SPACE FOR LIGHTING SYSTEM CONNECTION PLATE.
 PROVIDE 10u SPACE FOR LIGHTING SYSTEM CONTROLS. - VERIFY AND COORDINATE.
 SPACE FOR FUTURE PROVIDE 10u SHANK PLATES FOR DEAD FRONT RACK IN 1u (1.75" PER SPACE).
 AMD DOWN 25 DEGREES ON ARTICULATING BRACKET OR MOUNT WITH 3/4" CONDUIT EXTENDED TO AUTOFORMER OR VOLUME CONTROL.
 AVC TO INDICATE NEW CONDUIT FOR NEW RACK ON SHOPS, MAINTAIN CABLE SEPARATION.

STAGE MANAGERS RACK PROSCENIUM SIDE



WALL PLATE 2 DETAIL

NO SCALE
NOTES

NOTES:

1. COORDINATE EACH PANEL WITH BACKBOX BY E.C., ON

SITE.
MAINTAIN CABLE SEPARATION AND DENOTE CONDUIT

2. MAINTAIN CABLE SEPARATION AND DENOTE CONDUIT
ON SHOPS BEFORE INSTALLATION.
3. COORDINATE WITH DIV 26 FOR POWER NEXT TO PLATE,
PER DIV 26.
4. ALL LABELS ARE ENGRAVED, FILLED, AND CONFIRMED
ON SHOPS BEFORE INSTALLATION.

ALL LABELS ARE ENGRAVED, FILLED, AND CONFIRMED ON SHOPS BEFORE INSTALLATION. SEE DIV 27 FOR PATCH CABLES TO BE ADDED.

PATCH PANEL 1 DETAIL

6 PATO NO SCALE NOTES:

NOTES:

SPEAKON PATCH CABLES

PATCH PANEL 2 DETAIL 7 PAT

NOTES:

ALL LABELS ARE ENGRAVED, FILLED, AND CONFIRMED ON SHOPS BEFORE INSTALLATION.

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MON 1 MON 2 UNET LARE? UNET JUNE 3 LINE 4

WALL PLATE 1 DETAIL

COORDINATE EACH PANEL WITH BACKBOX BY E.C., ON SITE.

SITE.

2. MAINTAIN CABLE SEPARATION AND DENOTE CONDUIT ON SHOPS BEFORE INSTALLATION.

3. COORDINATE WITH DIV 26 FOR POWER NEXT TO PLATE, PER DIV 26.

4. ALL LABELS ARE ENGRAVED, FILLED, AND CONFIRMED ON SHOPS BEFORE INSTALLATION.

NO SCALE

NOTES:

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GENERAL TECHNOLOGY EQUIPMENT SCHEDULE

THE EQUIPMENT LIST ABBREVIATIONS AND THE GENERAL TECHNOLOGY EQUIPMENT SCHEDULE ARE FOR THE CONVENIENCE OF THE CONTRACTOR. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES AND SHALL FURNISH ALL MATERIAL REQUIRED, WHETHER SPECIFIED OR NOT, TO PRODUCE A SATISFACTORY WORKING SYSTEM.

CATALOG NUMBERS ARE NOT TO BE CONSIDERED COMPLETE BUT ARE GIVEN ONLY TO AID THE CONTRACTOR IN THE SEARCH FOR MATERIAL. NO MATERIAL SHALL BE

ABBREVIATION	EQUIPMENT LIST DESCRIPTION	EQUIPMENT LIST MANUFACTURER AND MOD
AV-AAS-1	EXISTING ACTIVE ANTENNA SPLITTER - WIRELESS MICROPHONES: PROTECT DURING CONSTRUCTION AND REMOUNT IN MAIN RACK AV-ER-2. PROVIDE COAX CABLE AS REQUIRED AND MOUNT ANTENNA OUTSIDE OF RACK, LINE OF SIGHT TO STAGE.	EXISTING - SHURE UA844
AV-ADA	ASSISTIVE LISTENING SYSTEM: STATIONARY RF TRANSMITTER WITH SELECTABLE BROADCASTING ON 57 CHANNELS.	NO EQUAL LISTEN
	ISIGNAL TO NOISE RATION OF 80 DB OR GREATER. OUTPUT POWER IS ADJUSTABLE TO QUARTER, HALF OR FULL. AUDIO FREQUENCY RESPONSE OF 50 HZ TO 15K HZ, ±3 DB AT 72 MHZ. TWO MIXING AUDIO INPUTS WITH AUTOMATIC GAIN CONTROL AND LIMITING TO A MIXED SIGNAL OUTPUT. FRONT PANEL INPUT LEVEL, MIX LEVEL AND AN ADJUSTABLE LOW	LT-800-072 LP-40-072 SIX-PACK LA-122 OR EQUAL
	PASS FILTER. PROVIDE SIX RF RECEIVERS WITH EARPHONE/NECK LOOP LANYARD, UNIVERSAL EAR SPEAKER AND FIELD	WILLIAMS
	REPLACEABLE LITHIUM-FON BATTERY, PLUS CHARGING TRAY. EXTEND TRANSMITTER ANTENNA OUTSIDE OF EQUIPMENT RACK. ISEE SPECIFICATIONS DIV 27 41 01 FOR ADDITIONAL REQUIREMENTS	
AV-AMP-1	AT FULL BANDWIDTH PERFORMANCE. THERE SHALL BE NO FRONT PANEL MOUNTED CONTROLS EXPOSED, EXCEPT	CROWN DCI-4-1250
	POWER ON/OFF. VERIFY ANY EQUALS FOR SAME EXACT LOAD ASSIGNMENTS AND MATCH SPEAKERS AND AMPS AS SPECIFIED.	LABGRUPPEN QSC
AV-AMP-2	AUDIO AMPLIFIER. FOUR CHANNEL 300W SINGLE CHANNEL / 600W BRIDGE, RATED FOR 16 OHMS TO 2 OHMS SAFELY AT FULL BANDWIDTH PERFORMANCE. THERE SHALL BE NO FRONT PANEL MOUNTED CONTROLS EXPOSED, EXCEPT	CROWN DCI-4-300
	POWER ON/OFF. VERIFY ANY EQUALS FOR SAME EXACT LOAD ASSIGNMENTS AND MATCH SPEAKERS AND AMPS AS SPECIFIED.	LABGRUPPEN QSC
AV-AMP-3	AUDIO AMPLIFIER, TWO CHANNEL 2500W SINGLE CHANNEL AT 4 OHMS AND 4000W BRIDGE AT 4 OHMS, RATED SAFELY AT FULL BANDWIDTH PERFORMANCE. DISTORTION LESS THAN 1%. VERIFY ANY EQUALS FOR SAME EXACT LOAD	CROWN MA 5000i
AV-AMP-4	ASSIGNMENTS AND MATCH SPEAKERS AND AMPS AS SPECIFIED. AUDIO AMPLIFIER. EIGHT CHANNEL 300W SINGLE CHANNEL / 600W BRIDGE. RATED FOR 16 CHMS TO 2 CHMS SAFELY AT FULL BANDWIDTH PERFORMANCE. THERE SHALL BE NO FRONT PANEL MOUNTED CONTROLS EXPOSED, EXCEPT	CROWN DCI-8-300
	POWER ON/OFF. VERIFY ANY EQUALS FOR SAME EXACT LOAD ASSIGNMENTS AND MATCH SPEAKERS AND AMPS AS SPECIFIED.	LABGRUPPEN QSC
AV-CTL-1	AV SYSTEM CONTROL PROCESSOR: CENTRALIZED WITH SIX RS-232 SERIAL PORTS, TWO RS-232/RS-422/RS-485 SERIAL PORTS, EIGHT IR PORTS, FOUR FLEX PORTS, EIGHT RELAYS AND ETHERNET MONITORING AND CONTROL.	EXTRON IPCP PRO 550
	REFER TO SPECIFICATIONS 27 41 01 FOR CONTROL FUNCTIONS AND USER GUI INTERFACE REQUIREMENTS.	CRESTRON
AV-DSP-1	SQUID SYSTEM DIGITAL SIGNAL PROCESSOR: SOFTWARE CONFIGURABLE AUDIO PROCESSOR WITH 12 ANALOG INPUTS X 8 ANALOG OUTPUTS, AVB DIGITAL AUDIO AND ETHERNET PORT FOR CONFIGURATION AND CONTROL. REFER TO SPECIFICATION 27 41 01 FOR CONFIGURATION AND PERFORMANCE REQUIREMENTS, PATHFILE SUBMITTAL	BIAMP TESIRAFORTE AVB-AI
AV-DSP-EX	REQUIRED FOR APPROVAL, IN A TIMELY FASHION BEFORE INSTALL. SIGNAL PROCESSOR EXPANSION: FOUR CHANNEL EXPANSION BOX WITH AVBIDIGITAL AUDIO AND 4 LINE LEVEL.	BSS BIAMP
	TERMINAL BLOCK OUTPUTS IN 10 TALL RACK MOUNT CHASSIS, POWER WITH POE+	TESIRA EX-OUT BSS
AV-DVD-1	BLU-RAY PLAYER: SINGLE DISK, RACK MOUNTED BLU-RAY/DVD PLAYER WITH RS-232 CONTROL AND HDMI OUTPUT.	TASCAM BD-01U
		MARANTZ DENON
AV-ECS-1	AV SYSTEM ETHERNET NETWORK SWITCH - COMMERCIAL GRADE DATA SWITCH, LATEST VERSION AVAILABLE. UNITS SHALL BE MANAGED LAYER 2, GIGABIT ETHERNET SWITCHES WITH POE. SIXTEEN (18) 10/10/10/008base-T RJ-45 PORTS,	NETGEAR PROSAFE GS516TP
AV ECC 2	EIGHT WITH POE. 1 RU RACKMOUNT CHASSIS; INCLUDE RACK MOUNT OPTION. AUDIO SYSTEM AVE ETHERNET NETWORK SWITCH - COMMERCIAL GRADE DATA SWITCH WITH AVE COMPATIBILITY,	EXTREME NETWORKS
AV-ECS-2	PER DSP MANUFACTURER REQUIREMENTS, LATEST VERSION AVAILABLE. UNITS SHALL BE MANAGED LAYER 2, GIGABIT ETHERNET SWITCHES WITH POE. SIXTEEN (16) 10/100/1000BASE-T RJ-45 PORTS, EIGHT WITH POE. 1 RU	PROSAFE GS516TP
AV-ER-1	RACKMOUNT CHASSIS; INCLUDE RACK MOUNT OPTION. EXISTING AUDIO AMPLIFIER MAIN EQUIPMENT RACKS. CLEANOUT AND REUSE, TWO QUANTITY FREESTANDING FLOOR RACKS, DEMO ALL EXISTING RACK MOUNTED EQUIPMENT AND TURN OVER TO OWNER, UND.	EXTREME NETWORKS EXISTING, REUSED
	RACKS, DEMO ALL EXISTING KACK MOUNTED EQUIPMENT AND TURN OVER TO OWNER, UND. SEE SPECIFICATIONS 27 410 FOR ADDED AV RACK REQUIREMENTS AND PROVIDE RACK ELEVATION ON SHOPS. VERIFY WORK CLEARANCES, SIDE AND REAR.	
	COORDINATE WITH EXISTING CONDUIT ENTRANCES AND AC POWER. REUSE JUNCTION BOXES AND MAINTAIN SIGNAL SEPARATION. NEVER COMBINE MICROPHONE CABLES, EXISTING CONDUIT IS REFERENCED ON DETAIL 27/100. ADD	
AV-ER-2	CONDUIT PER DRAWINGS AND SPECS. LEVISTING AUDIO AMPLIFIER MAIN FOLIDMENT RACKS, CLEANOUT AND REUSE, TWO QUANTITY FREESTANDING FLOOR.	EXISTING, REUSED
	RACKS, DEMO ALL EXISTING RACK MOUNTED EQUIPMENT AND TURN OVER TO OWNER, UNO. SEE SPECIFICATIONS 27 41 01 FOR AV RACK REQUIREMENTS AND PROVIDE RACK ELEVATION ON SHOPS, VERIFY WORK ICLEARANCES, SIDE AND REAR.	
	COORDINATE CONDUIT ENTRANCES AND AC POWER. REUSE JUNCTION BOXES AND MAINTAIN SIGNAL SEPARATION. NEVER COMBINE MICROPHONE CABLES. EXISTING CONDUIT IS REFERENCED ON DETAIL 2/T100.	
AV-ER-3	WALL MOUNTED STAGE MANAGER RACK. 35 RACK UNIT TALL WALL RACK WITH BACKPAN AND SWING OUT CENTER SECTION, 18-GUAGE BLACK TEXTURED POWDER COATED FINISH AND 11-GUAGE STEEL RACK RAILS, DIMENSIONS ARE	MIDDLE ATLANTIC DWR-35-22
	23.4"W X 68.25"H X 22.3"D WITH 20" USUABLE DEPTH AND 300LBS WEIGHT CAPACITY.	ATLAS
	PROVIDE 1" C. FOR DATA, 1" C. FOR SPEAKER LINE, 1.1/4" C. FOR AUDIO, 1" C. FOR INTERCOM TO JUNCTION BOXES BELOW STAGE, AS REQUIRED. COORDINATE AC POWER, SEE ELECTRICAL SHEETS. MAINTAIN SIGNAL SEPARATION. MOUNT CLEAR OF DRAPE AND PULLEY.	
AV-ER-LT	RACK MOUNTED LIGHT: PROVIDE RETRACTABLE LED LIGHT AT TOP OF RACK.	MAP LT-1R
AV-FB-1	AV FLOOR BOX: PROVIDE NEW CONNECTOR PLATE IN EXISTING FLOORBOX CONFIGURED FOR CONNECTIVITY, PER RISER REFER TO SIGNAL RISERS 1/7300 AND 2/7301 FOR MORE INFORMATION. CONNECTIVITY INCLUDES XLR-F MICROPHONE INPUTS, XLR-F AUTOMIC INPUT, SPEAKON SPEAKER JACKS.	EXISTING FLOORBOX NEW CUSTOM PLATE VERIFY EXISTING CONDUIT
	PROVIDE NEW ANGLED PLATE, DO NOT MOUNT ANY JACKS ON HORIZONTAL PLATE. COORDINATE REUSE OF EXISTING CONDUIT AS REQUIRED FOR MULTIPLE FEEDS, MAINTAINING SEPARATION IN BOX FOR EACH CLASS OF MICROPHONE, SPEAKER, VIDEO, DATA AND POWER CABLE, AS REQUIRED.	
	PROVIDE NEW CABLE UMBILICAL TO FLOORBOXES LOCATED IN HYDRAULIC PIT FLOOR. COORDINATE EXISTING CONDUIT IN BASEMENT PATH TO MAIN AY RACK AY-ER-1 AND AY-ER-2. VERIFY ON SHOPS. EXTEND EXISTING CONDUIT	
AV-FB-2	CONDUIT IN BASEMENT PATH TO MAIN AY RACK AV-ER-1 AND AV-ER-2. VEMPY ON SHOPS, EXTEND EXISTING CONDUIT AND ADD NEW AS REQUIRED. AV FLOOR BOX: PROVIDE NEW CONNECTOR PLATE IN EXISTING FLOORBOX CONFIGURED FOR CONNECTIVITY, PER	EXISTING FLOORBOX
CALIFOR	RISER, REFER TO SIGNAL RISERS 1/T300 AND 2/T301 FOR MORE INFORMATION. CONNECTIVITY INCLUDES XLR-F MICROPHONE INPUTS, XLR-F AUTOMIC INPUT, SPEAKON SPEAKER JACKS.	NEW CUSTOM PLATE NEW EXTRON DTP T UWP 232 D
	CENTER FLOORBOX ALSO INCLUDES ONE DUAL DECORA HOMIN/GA/3.5mm INPUT TRANSMITTER. PROVIDE NEW ANGLED PLATE, DO NOT MOUNT ANY JACKS ON HORIZONTAL PLATE. COORDINATE REUSE OF EXISTING CONDUIT AS REQUIRED FOR MULTIPLE FEEDS, MAINTAINING SEPARATION IN BOX	DIF 1 UVVF 252 U
	FOR EACH CLASS OF MICROPHONE, SPEAKER, VIDEO, DATA AND POWER CABLE, AS REQUIRED. PROVIDE NEW CABLE LIMBILICAL TO FLOORBOXES LOCATED IN HYDRAULIC PIT FLOOR, COORDINATE EXISTING	
AV-IRK-1	CONDUIT IN BASEMENT PATH TO MAIN AV RACK AV-ER-1 AND AV-ER-2. VERIFY ON SHOPS. RACK MOUNTED AUDIO MEDIA INPUT: SINGLE SPACE RACK MOUNTED CONSUMER MEDIA INPUT DEVICE WITH 3.5mm	PROCO
	AND DUAL RCA JACK INPUTS, STEREO/MONO SWITCH, GROUND LIFT SWITCH AND TRANSFORMER BALANCED STEREO OUTPUT.	IRACK
AV-IS1-W	PRODUCTION INTERCOM WALL PLATE: 2-GANG INTERCOM PLATE WITH TWO-CHANNEL INTERCOM CONNECTION. STANDARD 4" X 4" BACK BOX WITH 3/4" C. FOR INTERCOM TO CONTROL BOOTH, COORDINATE CABLE PATH FOR	TELEX AUDIOCOM WP-3
AV-IS2-W	CIRCULATING INTERCOM TELEX AND VERIFY AND COORDINATE CONDUIT CAPACITY REQUIREMENTS ON SITE. PRODUCTION INTERCOM WALL STATION, DUAL-CHANNEL WALL MOUNTED SPEAKER STATION WITH BUILT-IN PANEL.	TELEX AUDIOCOM
	MICROPHONE, SPEAKER, CHANNEL SELECT SWITCH, CALL KEY, TALK KEY, PANEL MIC CONNECTOR AND HEADSET CONNECTOR	SS-2002 U BOX
	PROVIDE NON-STANDARD BACK BOX WITH NEW 3/4" C. FOR INTERCOM TO CONTROL BOOTH. COORDINATE CABLE PATH FOR CIRCULATING INTERCOM TELEX AND VERIFY AND COORDINATE CONDUIT CAPACITY REQUIREMENTS ON SITE.	
AV-JB1-W	EXISTING JUNCTION BOX - CONTROL BOOTH MAIN RACK: IDENTIFY AND VERIFY EXISTING CONDUIT AND CABLE PATHWAYS, REUSE FOR NEW CABLING. MAINTAIN SIGNAL SEPERATION, NEVER COMBINE MICROPHONE LINES WITH AN COTHER SIGNAL TYPE.	EXISTING
	REFER TO T100 AND T101 PLANS FOR CABLE DEMO INFORMATION AND REQUIREMENTS AND EXTEND CONDUIT AS REQUIRED.	EWOTh :
AV-JB2-W	EXISTING JUNCTION BOX - CONTROL BOOTH COUNTER: IDENTIFY AND VERIFY EXISTING CONDUIT AND CABLE PATHWAYS, REUSE FOR NEW CABLING, MAINTAIN SIGNAL SEPERATION, NEVER COMBINE MICROPHONE LINES WITH AN OTHER SIGNAL TYPE.	EXISTING
AV-JB3-W	REFER TO 1100 AND T101 PLANS FOR CABLE DEMO INFORMATION AND REQUIREMENTS EXISTING IN INCTION BOX. AMPLIFIER RACK: IDENTIFY AND VERIFY EXISTING CONDUIT AND CABLE PATHWAYS. REUSE	EXISTING
	FOR NEW CABLING. MAINTAIN SIGNAL SEPERATION, NEVER COMBINE MICROPHONE LINES WITH ANY OTHER SIGNAL TYPE. REFER TO T100 AND T101 PLANS FOR CABLE DEMO INFORMATION AND REQUIREMENTS	
AV-JB4-W	EXISTING JUNCTION BOX - BATTON MOUNTED MICROPHONE JUNCTION BOX: IDENTIFY AND VERIFY EXISTING CONDUIT AND CABLE PATHWAYS, REUSE FOR NEW CABLING. MAINTAIN SIGNAL SEPERATION, NEVER COMBINE MICROPHONE	EXISTING
	LINES WITH ANY OTHER SIGNAL TYPE. PROVIDE NEW RUBBER JACKET MULTI-PAIR MICROPHONE CABLE FOR BATTON TRAVEL. REFER TO T100 AND T101 PLANS FOR CABLE DEMO INFORMATION AND REQUIREMENTS	
AV-MIC-P	PODIUM MICROPHONE: GOOSENECK MICROPHONE WITH CARDIOID PATTERN CONDENSER MIC CAPSULE AND SHOCKMOUNT, MIC SHALL OPERATE ON 18-52 VOLTS PHANTOM POWER, TERMINATE IN MALE XLR PLUG AND HAVE	AUDIX MG18
	OVERALL LENGTH OF 22.4" MINIMUM. PROVIDE WITH RUBBER ISOLATION MOUNT. COORDINATE ATTACHMENT TO OWNER FURNITURE AND CABLE ROUTE WITH EXTENSION TO FLOORBOX. NO XLR CONNECTION WITH PUSH LOCK SHALL BE COMPRESSED SO AS TO RELEASE	SMT-1218R MOUNT NO EQUAL
AV-MIC-RX1	ITS CONNECTION. EXISTING WIRELESS MICROPHONE SYSTEM: PROTECT DURING CONSTRUCTION AND REMOUNT IN MAIN RACK AV-ER-1.	EXISTING SHURE
	SEE SPECIFICATIONS DIV 27 41 01 FOR ADDITIONAL REQUIREMENTS AND ACCESSORIES.	ULX SERIES NO EQUAL
AV-MIX-1	DIGITAL AUDIO MIXER: MIXER PROVIDES 18 MIC/LINE XLR INPUTS, 8 XLR OUTPUTS, EXPANSION SLOT WITH 16 FADERS PLUS 2 MASTER FADERS, MIXING CAPACITY IS 32 MONO, 8 STEREO MIXING CHANNELS, 16 MIX AND 8 MATRIX MIX	YAMAHA OL1
	BUSES, 1 MASTER BUS, 1 SUB BUS AND 8 DCA GROUPS. INTERNAL 48KHZ INTERNAL SAMPLING RATE. DIMENSIONS ARE 18.4"W X 10.7"H X 22.1" D AND 32.4 LBS.	NO EQUAL
	PROVIDE SLEEVED FANTAIL WITH STRAIN RELIEF FOR DIGITAL AND ANALOG AUDIO CABLING. REFER TO SPECIFICATION 27 41 01 FOR ADDITIONAL REQUIREMENTS. DO NOT INSTALL FOIL CABLING.	
AV-MIX-2	DIGITAL AUDIO INTERFACE: DIGITAL NETWORK REMOTE HEADEND WITH 16 MIC/LINE XLR INPUTS AND 8 ANALOG XLR OUTPUTS, 44,1/48/88,2998KJZ, REMOTE CONTROLLABLE HEADAMPS, +48V PHANTOM POWER, HPF. 3u RACK SPACES.	YAMAHA RIO1608-D
AV-MON-1 AV-MP1-C	PC DISPLAY: OWNER PROVIDED OWNER INSTALLED OVERHEAD BATTEN SUSPENDED MICROPHONE: MINIATURIZED CONDENSER MICROPHONE WITH INTEGRATED PREAMP	OWNER PROVIDED, OWNE INSTALLED AUDIX
Av-Iver I+V	DETACHABLE SHEILDED CABLE AND UNIDIRECTIONAL POLAR PATTERN, LOW IMPEDANCE (150 OHMS TYPICAL), 40HZ -	M1280B- CARDIOID MCHANGER
	COORDINATE ROUGH-IN LOCATION AND PROVIDE CABLE MANAGEMENT FOR BATTEN TRAVEL MAINTAIN APPROX 12 INCH LOOP, OR AS REQUIRED FOR ADJUSTMENT AT COMMISSIONING. SYMMETRY REQUIRED, 8' 6" AFF.	NO EQUAL
	REUSE EXISTING CONDUIT AND EXTEND TO AUDIO RACK AV-ER-2. COORDINATE CONDUIT CAPACITY AND PULLBOX	1

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ABBREVIATION	EQUIPMENT LIST DESCRIPTION	EQUIPMENT LIST MANUFACTURER AND MOI	
AV-MP2-C	DOWN STAGE CEILING SUSPENDED MICROPHONE: MINIATURIZED CONDENSER MICROPHONE WITH INTEGRATED PREAMP, DETACHABLE SHEILDED CABLE AND UNIDIRECTIONAL POLAR PATTERN. LOW IMPEDANCE (150 OHMS TYPICAL) 40H2 - 20KHZ PREQUENCY RESPONSE AND SENSITIVITY TYPICALLY 10mV, PROVIDE WITH MIC SUSPENSION CLIP AND	AUDIX M1280B- CARDIOID MCHANGER	
	AUDIZ - ZUCHE PREUDENCY RESPONSE AND SENSITIVITY I PROJECT TORIN, PROVIDE WITH MIC SUSPENSIVE CLIFT STAND MOUNT. COORDINATE ROUH-IN LOCATION AND PROVIDE CABLE MANAGEMENT, INSTALL FOR CAPSULE AT 8° 8° AFF WITH APPROX 12 INCH LOOP, OR AS REQUIRED FOR ADJUSTMENT AT COMMISSIONING, ADJUST REAR BATTEN MICS FOR 9° AFF	NO EQUAL	
	PROVIDE STANDARD SINGLE GANG BACKBOX FOR MIC PLATE WITH 3/4" C. TO AUDIO RACK AV-ER-2. COORDINATE CONDUIT CAPACITY AND PULLBOX REQUIREMENTS ON SITE. MATCH UP FOR SYMMETRY, INSIDE DRAPES/LEGS.		
AV-MP-W	AUDIO PLATE: EXISTING LOCATION WITH NEW PLATE, NEW JACK AND NEW CABLE AND NEW NEMA BACKBOX AS REQUIRED. BLACK METAL AUDIO EQUIPMENT CONNECTION WALL PLATE FOR CONNECTION OF MICROPHONE. SEE SHEET 1300 AUDIO RISER TO COORDINATE CONNECTIONS AND CONDUIT FOR PLATE. ENGRAVED LABELING IS WHITE IN-FILL PAINT.	WHIRLWIND CUSTOM PLATE PROCO ENTERTAINMENT METALS	
	PROVIDE SINGLE GARGEMICROPHONE PLATE WITH TWO ALEXT MICROPHONE INPUTS. REUSE EXISTING WALL BOX WITH EXISTING CONDUIT PATH TO MAIN RACK AV-ER-2, VERIFY AND COORDINATE CONDUIT CAPACITY REQUIREMENTS ON SITE.	The Page	
AV-MPP-1	AV DATA PATCH PANEL; PROVIDE CAT 6 ETHERCON JACK PATCH PANEL FOR AV CATEGORY CABLE CONNECTIONS. PROVIDE STANDARD 19° RACK WIDTH, BLACK METAL PLATE WITH ENGRAVED LABELS. REFER TO T300 SIGNAL RISER FOR CONFIGURATION AND QUANTITY.	WHIRLWIND CUSTOM PLATE NUETRIK ETHERCON PROCO ENTERTAINMENT METALS	
AV-PIC-1	WIRED PRODUCTION INTERCOM HEADEND: CENTRAL MAIN STATION WITH 2-CH INTERCOM, LIGHTED CALLBACK, AND TALKBACK SPEAKER AT OPERATION HEIGHT. PROVIDE RACK-MOUNT KIT. REFER TO SPECIFICATION BIY 27 41 01 FOR REQUIRED ACCESSORIES. VERIEY CIRCULATING CONDUIT REQUIREMENTS WITH EXISTING CONDUIT AND DIY 26 E.C. WIRELESS PRODUCTION INTERCOM TRANSMITTER: 24 GHZ WIRELESS BASE STATION WITH 2 CHANNEL INTERCOM.	TELEX MS2002 TELEX	
AV-PP-1	REFER TO SPECIFICATIONS 27 41 01 FOR ADDITIONAL ACCESSORIES AND RECEIVERS, COORDINATE ANTENNA REQUIREMENTS FOR RECEITION TO BACK STAGE AND CATWALKS. AUDITORIUM AUDIO XLR PATCH PANEL - MIC AND LINE LEVEL XLR PATCH PANEL. PROVIDE STANDARD 19° PACK WIDTH,	BTR-240 WHIRLWIND	
	BLACK METAL PLATE WITH ENGRAVED LABELS. REFER TO T300 SIGNAL RISER AND DETAIL 6/T302 FOR CONFIGURATION CONNECTOR TYPES AND QUANTITY. VERIFY EXISTING J-BOX AND CONDUIT PATHS AND CAPACITY ON SHOPS. EXTEND AND ADD CONDUIT AS REQUIRED.	CUSTOM PLATE PROCO ENTERTAINMENT METALS	
AV-PP-2	METAL RACK PLATES WITH ENGRAVED LABELS, REFER TO T300 SIGNAL RISER AND DETAIL 7/T302 FOR	WHIRLWIND CUSTOM PLATE NEUTRIK ETHERCON PROCO ENTERTAINMENT METALS	
AV-PRO-1	AUDITORIUM VIDEO PROJECTOR: 10,000 ANSI LUMENS, HD (1920 x 1080), ECO FILTER HDMI,DVI-D, DISPLAYPORT, DIGITAL LINK, PROVIDE WITH (POWERED) ZOOM LENS TO MEET THROW DISTANCE REQUIREMENT. VERIFY AND COORDINATE LENS REQUIREMENT FOR THROW DISTANCE TO FULL DISPLAY MAKGE. PROVIDE NEW PROJECTOR MOUNT AS REQUIRED IN CONTROL BOOTH CEILING AT EXISTING POWER COORDINATE LOCATION WITH EXISTING POWER OUTLETS, AV CABLE OUTLET AND MANAGE CABLE NEATLY.		
	MOUNT VIDEO RECIEVER WITH PROJECTOR AND PROVIDE A BACKBOX IN CEILING FOR GANG DATA PLATE FOR AV LAN. PROVIDE 3/4"C OR REUSE EXISTING CONDUIT TO MAIN AV RACK AV-ER-2. VERIFY AND COORDINATE CONDUIT CAPACITY REQUIREMENTS ON SITE. PROVIDE PLENUM CABLE IN PLENUM SPACES.	DIGITAL PROJECTION	
AV-PRO-2 AV-PSW-1	EXISTING PROJECTOR TO REMAIN, TEST AND VERIFY BEFORE DEMO OF SURROUNDING AREA AND PROTECT IN PLACE. SCALING AV PRESENTATION SWITCH: HDCP-COMPLIANT SCALING PRESENTATION SWITCHER WITH 4 HDMI INPUTS, 2	EXTRON	
AV-REC-1	UNIVERSAL ÁNALOG VIDEO INPUTS, TWO DTP 330 TWISTED PAIR INPUTS WITH DUAL HOM OUTPUTS AND ONE DTP 330 OUTPUT UNIT INCLUDES A SCALING REGINETO SCALE HOM, ROB, COMPONENT, AND STANDE DEFINITION VIDEO SIGNALS TO A COMMON HIGH RESOLUTION OUTPUT UP TO 1920X 200, INCLUDING 1080P AND 2K. UNIT PROVIDES AUDIO HOM AUDIO EMBEDDING AND DE-EMBEDDING WITH DUAL STEREO OUTPUTS ON CAPITYE SCREW. TWISTED PAIR VIDEO RECEIVER: DEVICE RECIEVES HOM, CONTROL, ANALOG AUDIO AND POWER OVER SINGLE	IN-1608 CRESTRON EXTRON	
-	TWISTED PAIR CATEGORY CABLE. SUPPORT COMPUTER RESOLUTIONS UP TO 4K. MANUFACTURER APPROVED SHIELDED CATEGORY 6 REQUIRED. PROVIDE IN BLACK. COORDINATE MOUNT AT PROJECTOR	DTP HDMI 4K 230 Rx CRESTRON	
AV-SB1-C	SUB-WOOFER: PASSIVE SUBWOOFER POWER HANDLING IS 1700W CONTINUOUS, \$500W PROGRAM AND 7000W PEAK AT NOMINAL IMPEDANCE OF 4 OHMS WITH 38HZ TO 200HZ OPERATING RANGE. SUBWOOFER DIMENSIONS SHALL BE 40° X 22.5° X 28.5° WEIGHING, 160 LBS. SUSPEND ABOVE CEILING CLOUD ANGLED DOWN TO SEATING, WITH FACE OF SPEAKER EXPOSED TO SEATING, PER PLANS. MOUNT NO MORE THAN Z' FROM WALL OR CEILING AND PROVIDE NEW SUPPLEMENTAL STEEL AS REQUIRED WITH	DANLEY TH-118 NO EQUAL	
	INDURI NO MORE HARD 2 FROM WALL ON CELING AND PROVIDE NEW SOPPLEMENTAL STEEL STREAGMED WITH INDEPENDANT SAFETY CABLE. SEE SPECIFICATION 27 41 01 FOR LOUDSPEAKER RIGGING REQUIREMENTS. SEE SHEET T400 FOR LOUDSPEAKER LOCATION AND AM SCHEDULE. PROVIDE BUSHED STUB OR BOX AT SUSPENSION LOCATION WITH 1-1/4" CONDUIT TO MAIN AV PACK AV-ER-1. PROVIDE 14AWIG (W.P. 228x2) DUAL CABLE RUNS TO THIS DEVICE.		
AV-SP1-C		DANLEY SH-46 INSTALLATION VERSION	
	SPL CONTINUOUS 7 141 DB-SPL PEAK AND POWER HANDLING IS 2800W PROGRAM, 4000W PEAK AT 4 OHINS, WEIGHT IS 118 LBS AND DIMENSIONS ARE 29 X 22 X X 2.7 IN. SEE SPECIFICATION 27 41 01 FOR LOUDSPEAKER RIGGING REQUIREMENTS. SEE SHEET T400 FOR LOUDSPEAKER LOCATION AND AIM SCHEDULE. PROVIDE SUPLEMENTAL STEEL AND PE RATED RIGGING. COORDINATE SUSPENSION FROM BUILDING. NEVER OCCLUDE SPEAKER FACE.	NO EQUAL	
	PROVIDE CONDUIT STUB OR BOX AT SPEAKER SUSPENSION POINT FOR SPEAKER LINES TO AMPLIFIER RACK AV-ER-1. COORDINATE USE OF EXISTING CONDUIT PATH WHEN AVAILABLE. DO NOT ASSIGN PRECISION AIM TO OTHER TRADES. PROVIDE 14AWG (W.P. 226x2) DUAL CABLE RUNS TO THIS DEVICE.		
AV-SP2-C	MONO MAIN LOUDSPEAKERS: LOUDSPEAKER CABINET INCLUDES 2X12" LF DRIVERS, 4X5" MIDRANGE DRIVERS, AND 1X1" HF DRIVER WITH 50 DEGREE X 50 DEGREE FULL RANGE COVERAGE ANGLE AND 50-18,000 HZ, FREQUENCY RESPONSE. MAXIMUM SPL OUTPUT IS 127 DB SPL CONTINUOUS / 133 DB-SPL PEAK. POWER HANDLING IS 2000W PROGRAM, 4000W PEAK AT 4 OHMS 1% DISTORTION TYPICAL. WEIGHT IS 133 LBS, AND DIMENSIONS ARE 28 X 28 X 25.5 IN.	DANLEY SH-50 INSTALLATION VERSION NO EQUAL	
	SEE SPECIFICATION 27 41 01 FOR LOUDSPEAKER RIGGING REQUIREMENTS. SEE SHEET T400 FOR LOUDSPEAKER LOCATION AND AIM SCHEDULE. PROVIDE SUPLEMENTAL STEEL AND PE RATED RIGGING. COORDINATE SUSPENSION FROM BUILDING, NEVER OCCLUDE SPEAKER FACE.		
	PROVIDE CONDUIT STUB OR BOX AT SPEAKER SUSPENSION POINT FOR SPEAKER LINES TO AMPLIFIER RACK AV-ER-1. COORDINATE USE OF EXISTING CONDUIT PATH WHEN AVAILABLE. DO NOT ASSIGN PRECISION AIM TO OTHER TRADES.PROVIDE 14AWG (W.P. 228/z) DUAL CABLE RUNS TO THIS DEVICE.		
AV-SP3-C	MONO SIDE SPEAKER: LOUDSPEAKER IS 2X12" LF DRIVER, 4X4" MF DRIVERS AND 1X1.4" HIGH-FREQUENCY DRIVER WITH 40 X 60 DEGREE COVERAGE ANGLE AND 71-16,000 HZ. FREQUENCY RESPONSE. MAXIMUM OUTPUT SPL IS 135 DB SPL CONTINUOUS / 141 DB SPL PEAK AND POWER HANDLING IS 2800W PROGRAM, 4000W PEAK AT 4 OHMS. WEIGHT IS 118 LBS AND DIMENSIONS ARE 29 X 22.3 X 22.7 IN. SEE SPECIFICATION 27 41 01 FOR LOUDSPEAKER RIGGING REQUIREMENTS. SEE SHEET T400 FOR LOUDSPEAKER LOCATION AND AIM SCHEDULE.	DANLEY SH-46 INSTALLATION VERSION NO EQUAL	
	PROVIDE SUPLEMENTAL STEEL AND PE RATED RIGGING. COORDINATE SUSPENSION FROM BUILDING. NEVER OCCLUDE SPEAKER FACE. PROVIDE CONDUIT STUB OR BOX AT SPEAKER SUSPENSION POINT FOR SPEAKER LINES TO AMPLIFIER RACK AV-ER-1.		
AV-SP4-C	COORDINATE USE OF EXISTING CONDUIT PATH WHEN AVAILABLE. DO NOT ASSIGN PRECISION AIM TO OTHER TRADES. STEREO MEDIA LOUDSPEAKERS: LOUDSPEAKER CABINET INCLUDES 2x12" LF DRIVERS, 6x4" MIDRANGE DRIVERS, AND 1x1" HP DRIVER WITH 90 DEGREE X 90 DEGREE FULL RANGE COVERAGE ANGLE AND 55-18,000 HZ. FREGUENCY, RESPONSE. MAXIMUM SPL OUTPUT IS 126 DB SPL CONTINUOUS / 132 DB SPL, PAK. POWER HANDLING IS 1000W PROGRAM, 4000W PEAK AT 8 OHMS. WEIGHT IS 116 LBS, AND DIMENSIONS ARE 3X 2x1 Xx1 TO.	DANLEY SH-69 INSTALLATION VERSION	
	SEE SPECIFICATION 27 41 01 FOR LOUDSPEAKER RIGGING REQUIREMENTS. SEE SHEET T400 FOR LOUDSPEAKER LOCATION AND AIM SCHEDULE. PROVIDE SUPLEMENTAL STEEL AND PE RATED RIGGING. COORDINATE SUSPENSION FROM BUILDING. NEVER OCCLUDE SPEAKER FACE.	NO EQUAL	
	PROVIDE CONDUIT STUB OR BOX AT SPEAKER SUSPENSION POINT FOR SPEAKER LINES TO AMPLIFIER RACK AV-ER-1. COORDINATE USE OF EXISTING CONDUIT PATH WHEN AVAILABLE. DO NOT ASSIGN PRECISION AIM TO OTHER TRADES. PROVIDE 14AWG (W.P. 226x2) DUAL CABLE RUNS TO THIS DEVICE.		
AV-SP5-C	CONTROL BOOTH FILL: COMPACT MID-HIGH LOUDSPEAKERS, INSTALLATION VERSION, LOUDSPEAKERS HAVE A 5" COAXIAL HIGH-FREQUENCY DEVINER WITH 80 DEGREES X 60 DEGREES COVERAGE ANGLE AND 270-15,000 HZ. FREQUENCY RESPONSE. MAXIMUM OUTPUT SPL IS 124 DIS SPL CONTINUOUS / 130 DIS-SPL PEAK AND POWER HANDLING IS 500W PROGRAM, 1000W PEAK A'S 0 OHMS, PROVIDE SUSPENSION PER MANUFACTURER REQUIREMENTS. EACH CABINET LOAD SHALL BE VERIFIED ON SUBMITTALS. WEIGHT IS 45 LBS, PER SPEAKER AND DIMENSIONS ARE 20.6	DANLEY SM-60M MEYER L-ACOUSTICS	
	X 20.6 X 16.3 IN. SEE SPECIFICATION 27 41 01 FOR LOUDSPEAKER RIGGING REQUIREMENTS. SEE SHEET T400 FOR LOUDSPEAKER LOCATION AND AIM SCHEDULE. PROVIDE SUPLEMENTAL STEEL AND PE RATED RIGGING. COORDINATE SUSPENSION FROM BUILDING. NEVER OCCLUDE SPEAKER FACE.		
	PROVIDE CONDUIT STUB OR BOX AT SPEAKER SUSPENSION POINT FOR SPEAKER LINES TO AMPLIFIER RACK AV-ER-1. COORDINATE USE OF EXISTING CONDUIT PATH WHEN AVAILABLE. DO NOT ASSIGN PRECISION AIM TO OTHER TRADES. PROVIDE 14AWG (W.P. 228x2) DUAL CABLE RUNS TO THIS DEVICE.		
AV-SP6-C	OVERFLOW COMBINING DELAY FILL SPEAKERS: TWO-WAY 6.5" LOUDSPEAKERS. NOMINAL 90 DEGREE HÖRIZONTAL X 50 DEGREE VERTICAL LOUDSPEAKER TYPICALLY 100HZ TO 16KHZ WITH PASSIVE CROSSOVER. POWER HANDLING IS 160W CONTINUOUS, 640W PEAK WITH NOMINAL IMPEDANCE OF 8 OHMS. THE DIMENSIONS SHALL BE 8 IN. HIGH BY 14 IN. WIDE BY 8 IN. DEEP, WEIGHING 20 LB. VERIFY HORN ROTATION REQUIREMENTS FOR 90 X 50 COVERAGE MOUNT AT 18-6" AFF WITH STANDARD MANUFACTURER U-BRACKET. PROVIDE NEW 34" C AT OELING AT SPEAKER MOUNT WITH SPEAKER LINES TO AMPLIFIER RACK AS HOMERUN LINES.	EVU-1062/95	
AV-SP7-W	LOCATE ABOVE AND BEHIND SPEAKER BRACKET AND PROVIDE INDEPENDANT SAFETY CABLE. BACKSTAGE/REARSTAGE WALL MOUNTED CUE SPEAKER UNITS SHALL BE COMMERCIAL SERIES WITH TRANSFORMER AND INTEGRATED WALL MOUNT. UNIT SHALL BE RATED AT 209 WATTS WITH 100 X 100 DEGREE COVERAGE PATTERN. PROVIDE ATLAS AT-100 VOLUME CONTROL. NOTE OVERSIZED WALL PLATES AND BOX NEEDS FOR 100 WATT AUTOFORMER DURING ROUGHIN. YOULME CONTROL IS WALL MOUNTED STAGE LEFT AND RACK MOUNTED ON STAGE	L-ACOUSTICS ELECTROVOICE ZX11-100T	
	RIGHT. PROVIDE SURFAACE MOUNTED SINGLE GANG BOX AT SPEAKER MOUNT WITH 3/4" C. FOR SPEAKER LINES TO VC2 REMOTE BELOW SPEAKER AT SWITCH HEIGHT.	JBL CONTROL SERIES YAMAHA	
AV-SP8-C	DISTRIBUTED SPEAKER AT SWITCH FIGURE . DISTRIBUTED SPEAKER S IN - 10 OZ. MAGNET RECESSED CEILING LOUDSPEAKER FOR DISTRIBUTIVE SPEAKER ZONES. POLYPROPYLENE CONE AND BUTYL RUBBER SURROUND, 3/4 IN SOFT-DOME LIQUID-COOLED TWEETER COIL, NOMINAL 62 HZ - 20 KHZ BANDWIDTH (-10 dB), 110° NOMINAL 9/1 DB SENSITIVITY. COMBINED MULTI-TAP TRANSFORMER AT 70/V/100V-AND 8/Q DIRECT SETTING. SET TAP FOR TYPICAL LISTENING CUE LEVELS AT FULL VC FOR 75-78 DBA MAX, ANT GREATER THAN 1 WATT AS REQUIRED, NOTING ON SHOPS.	GD87 SERIES	
	PROVIDE CONDUIT AS REQUIRED FOR CIRCULATING SPEAKER LINES, FOR ACOUSTICAL CEILINGS, PROVIDE BACKBOX, TILE SUPPORTS AND WHITE GRILL AS REQUIRED WITH CIRCULATING CABLE, PER PLANS AND RISER. SHOULD OPEN CABLE BE USED, PROVIDE PLENUM VERSION AND MANAGE.		
AV-SP-E	CABLE BE USED, PROVIDE PLENOM VERSION AND MANAGE. EXITING CEILING SPEAKERS: PROTECT IN PLACE AND RE-USE WITH NEW LINES TO AMPLIFIER RACK. VERIFY CIRCUITS AND TAPS ARE UNIFORM BEFORE INSTALLATION.	EXISTING	

GENERAL TECHNOLOGY EQUIPMENT SCHEDULE

THE EQUIPMENT LIST ABBREVIATIONS AND THE GENERAL TECHNOLOGY EQUIPMENT SCHEDULE ARE FOR THE CONVENIENCE OF THE CONTRACTOR. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES AND SHALL FURNISH ALL MATERIAL REQUIRED, WHETHER SPECIFIED OR NOT, TO PRODUCE A SATISFACTORY WORKING SYSTEM.

CATALOG NUMBERS ARE NOT TO BE CONSIDERED COMPLETE BUT ARE GIVEN ONLY TO AID THE CONTRACTOR IN THE SEARCH FOR MATERIAL. NO MATERIAL SHALL BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. EACH CONTRACTOR SHALL FIRST READ THE COMPLETE DESCRIPTION OF THE MATERIAL ON THESE DRAW

EQUIPMENT LIST ABBREVIATION	EQUIPMENT LIST DESCRIPTION	EQUIPMENT LIST MANUFACTURER AND MODI SURGEX				
AV-SRGX-W	AV-SRGX-W SURGE PROTECTOR: NILINE REMOTE POWER ACTIVATION AND SURGE SUPPRESSION. UNIT IS 20-AMP LOAD-CAPÁBLE AND HOUSED IN A 12" X 12" X 4" NEMA ENCLOSURE. UNIT FEATURES BOTH COMMON MODE AND NORMAL MODE IMPEDANCE TOLERANT EMIRRI FILTERING AS WELL AS SURGEX. ICE -INRUSH CURRENT ELIMINATION FOR COMPREHENSIVE POWER CONDITIONING. PROVIDE LOW VOLTAGE CONTROL FROM AC POWER SEQUENCER COORDINATE MOUNTING LOCATION WITH ELECTRICAL CONTRACTOR FOR AC POWER FEED TO AUDIO SYSTEM EQUIPMENT. REFER TO 1/T301 AND ELECTRICAL DRAWINGS.					
AV-SSL		MIDDLE ATLANTIC PRODUCT SSL				
		ATLAS LOWELL				
AV-TP1-R	AV TOUCH PANEL CONTROL: RACK MOUNTED TEN INCH TOUCH PANEL WITH 1924 X 600 RESOLUTION, 18BIT COLOR DEPTH, BUILT-IN SPEAKER FOR MEDIA, AND LIGHT SENSING SCREEN BRIGHTHESS ADJUSTMENT. COMMUNICATION AND POWER OVER ETHERNET (POE), PROVIDE WITH RACK MOUNT, SEE CONTROL RISER DETAIL 2/T201.	EXTRON TLP PRO 1022M RM 4 MOUNT				
AV-UD-3	VERIEY POE AND PROVIDE DATA CABLE. SEE SPECIFICATIONS 27 41 01 FOR GUI REQUIREMENTS. RACKMOUNTED STORAGE DRAWER: THREE RACK SPACE UTILITY DRAWER WITH 15.97" USUABLE WIDTH, 15" DEEP. PROVIDE BLANK SPACE ABOVE AND BELOW.	GRESTRON MIDDLE ATLANTIC PRODUCT UD3				
		ATLAS LOWELL				
AV-VC1-W		ATLAS AT-10				
	PROVIDE GANG BOX AT SWITCH HEIGHT WITH 3/4" C. INTO OPEN CEILING AREA FOR CABLE PATH TO LOCAL SPEAKER. SPEAKER CABLE IS PLENUM RATED.					
AV-VC2-R	RACK MOUNTED VOLUME CONTROL: 70V, 100W AUTOFORMER VOLUME CONTROL. COORDINATE RACK MOUNT IN SHARED PLATE WITH TOUCH PANEL.	ATLAS AT-100 AT-52 PLATE OR EQUAL				
AV-VC2-W	WALL MOUNTED VOLUME CONTROL: 70V, 100W AUTOFORMER VOLUME CONTROL.	ATLAS AT-100				
	PROVIDE OVERSIZED DEEP GANG BOX AT SWITCH HEIGHT WITH 3/4" C, FOR CABLE PATH TO LOCAL SPEAKER AND RACK.	A1-100				
AV-VC3-W	CUSTOMIZABLE BUTTON PANEL: 2-GANG WALL REMOTE WITH PUSHBUTTON PRESET AND ROTARY VOLUME CONTROL TO LOCAL PROVIDED ROOM PRESENTAION. PROVIDE 3/4" OT DA VI-EX.	EXTRON EBP100				
AV-VPS-1	VIDEO PROJECTION SCREEN: MOTORIZED VIDEO SCREEN IN HIGH COMPRESSION PARTICLE BOARD CASE AND TUBULAR MOTORIN-ROLLER DESIGN WITH 169 ASPECT RATIO VIEWING AREA OF 133" X 236" (270" DIAGONAL). PROVIDE WITH HIGH CONTRAST GREY VIEWING SURFACE AND EXTRA DROP AS REQUIRED TO POSITION BOTTOM OF IMAGE AT 4" AFF. PROVIDE WITH QUIET MOTOR OPTION WITH BUILT IN LOW VOLTAGE CONTROL. VERIFY STOPS AND EXTRA DROPS FOR A WININK IE FREE INSTALLATION.	DRAPER ROLLERAMIC 270" CONTRAST GREY XH800E DALITE STEWART				
AV-VPS-2	EXISTING SCREEN TO REMAIN. TEST AND VERIFY BEFORE DEMO OF SURROUNDING AREA AND PROTECT IN PLACE.	EXISTING WHIRI WIND				
AV-WP1-W	FOLDBACK MONITORS, INTERCOM AND AUDIO DATA, SEE SHEET 1300 AUDIO RISER AND SHEET 4/1302 PLATE DETAILS TO COORDINATE CONNECTIONS AND CONDUIT FOR PLATE. ENGRAVED LABELING IS WHITE IN-FILL PAINT. PROVIDE AS 12" X.12" WALL FRAME WITH 16.5" X 10 7° RECESSED INSERT PLATE UON. PROVIDE: SIXTEEN XLR-F MICROPHONE INPUTS, TWO CAT6 ETHERCON DATA, TWO SPEAKON SPEAKER AND TWO XLR-M INTERCOM JACKS.	WF(12x12B / WFS12x12x2.5 PROCO				
	PROVIDE 12" X 12" X 8" DEEP, SURFACE MOUNTED, NEMA 1 BACKBOX AT OUTLET HEIGHT WITH 1-1/4" C. FOR AUDIO LINES, 3/4" C. FOR ROPEAKER LINES, 1" C. FOR DATA AND 3/4" C. FOR INTERCOM TO EXISTING JUNCTION BOX BELOW ISTAGE. VERIFY AND COORDINATE CONDUIT CAPACITY REQUIREMENTS ON SITE.					
AV-WP2-W	AUDIO PLATE: BLACK METAL AUDIO EQUIPMENT CONNECTION WALL PLATE FOR CONNECTION OF MICROPHONE, FOLDBACK MONITORS, INTERCOM AND AUDIO DATA. SEE SHEET 1300 AUDIO RISER AND SHEET 5/1302 PLATE DETAILS TO COORDINATE CONNECTIONS AND CONDUIT FOR PLATE. ENGRAVED LABELING IS WHITE IN-FILL PAINT. PROVIDE AS 12" X 12" WALL FRAME WITH 10.5" X 10.5" RECESSED INSERT PLATE UON.	WHIRLWIND WFI12x12B / WFS12x12x2.5 PROCO ENTERTAINMENT METALS				
	PROVIDE: SIXTEEN XLR-F MICROPHONE INPUTS, TWO CAT6 ETHERCON DATA, TWO SPEAKON SPEAKER AND TWO XLR-M INTERCOM JACKS.					
	PROVIDE 12" X 12" X 6" DEEP, SURFACE MOUNTED, NEMA 1 BACKBOX AT OUTLET HEIGHT WITH 1-14" C. FOR AUDIO LINES, 34" C. FOR SPEAKER LINES, 1" C. FOR DATA AND 34" C. FOR INTERCOM TO EXISTING JUNCTION BOX BELOW STAGE. VERIFY AND COORDINATE CONDUIT CAPACITY REQUIREMENTS ON SITE.					
AV-WP3-W	CONTROL BOOTH AV CONNECTION WALL PLATE: AV WALLPLATE WITH PASS-THROUGH AV CONNECTIONS TO EXTEND INPUTS AND OUTPUTS OF AV VIDEO SWITCHER. INPUTS AND OUTPUTS OF AV VIDEO SWITCHER. PROVIDE PORTABLE LAPTOP INPUTS AS 1 HOMI FEMALE TO HOMI FEMALE 10" PIGTAIL, 1 VGA FEMALE TO FEMALE ON 6" PIGTAIL, AND 3.5mm AUDIO JACK TO CAPTICE SCREW. PROVIDE LOCAL PC INPUT AS 1 HOMI FEMALE 10" PIGTAIL. PROVIDE LOCAL PC INPUT AS 1 HOMI FEMALE 10" PIGTAIL. PROVIDE LOCAL PC INPUT AS 1 HOMI FEMALE 10" PIGTAIL.	EXTRON WPB SERIES OR EQUAL CRESTRON				
	PROVIDE SUFACE MOUNTED BACKBOX ABOVE COUNTERTOP WITH AV CABLE PATH TO JUNCTION BOX AV-JB2-W UNDER COUNTER WITH PATH TO MAIN AUDIO VISUAL RACK AV-ER-2. COORDINATE CONDUIT REQUIREMENTS ON SITE.					
AV-XMT-1	IMEDIA TRANSMITTER WITH AV CONNECTION PLATE: TRANSMITS AUDIO, VIDEO, CONTROL AND POWER OVER SHIELDED TWISTED PAIR CABLE, INTERFACE IS ONE HDMI INPUT AND ONE 3.5mm AUDIO INPUT, ONE DTP OUTPUT WITH RS-232 AND IR. BLACK METAL, CHASIS IS 4.3" x 3.0" x 1" AND 0.5 LBS. PROVIDE WITH ACK MOUNT AND RACK PLATE WITH HDMI, VGA AND 3.5mm AUDIO PASS-THROUGH CONNECTIONS AND EXTEND CABLES TO TRANSMITTER.	EXTRON DTP HDMI 4K 230 Tx CUSTOM PLATE CRESTRON				

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	LOUDS	PEAKER	LOCA	ATION	AND A	IM SCHE	DULE					
SPEAKER	MODEL	DELAY (MS)	LOCATION (FT)			SPEAKER AIM (DEGREES)						
		DECAI (MO)	X	Y	Z	HORIZONTAL	VERTICAL	ROTATION				
Main Mono S1	SH-46	0	0	17	24	. 0	-25	0				
Main Mono S2-E	SH-50	0	6	17	24	35	-25	0				
Main Mono S2-W	SH-50	ß	-6	17	24	-35	-25	0				
Side Fill S3-E	SH-46	тво	26	9.5	22	40	-30	0				
Side Fill S3-W	SH-46	TBD	-26	9.5	22	-40	-30	0				
Media Left S4-E	SH-69	0	32	3	20	-20	-60	90				
Media Right \$4-W	SH-69	. 0	-32	3	20	20	-20	90				
Delay 55	SM 60M	TBD	0	65	25	Ð	-25	0				
Sub SB1	TH118	0	0	5	30	. 0	-25	0				
LEGEND												
CONFRM REFERENCE POSITION ON AV CONTRACTOR SHOP SUBMITTALS BEFORE INSTALLATION. CONTRACTOR SHALL VERBITY REFERENCE FOINTS, BIRALUDING CENTERLINE REFERENCE AND O POINT REFERENCE AND DIRECTION BEFORE WORK BEGINS ON SITE. SPEAKER POINT FRONT TOP CENTER OF THE BOX. DELAY IN MILLISECONDS FOR DBP SETTINGS.												
LOCATION X	DISTANCE FROM ROOM CENTER-LINE IN FEET. DISTANCE FROM PROCENIUM, IN FEET.											
LOCATION Z	DISTANCE ABOVE STAGE FLOOR IN FEET.											
HORIZONTAL AIM	PLAN YIEW AIM. ANGLE 9' IS AIMED AT NORTHWALL(CONTROL BOOTH); 90' AT EAST WALL: 90' AT WEST WALL.											
VERTICAL AIM	90" AT WEST WALL. DOWN ANGLE FROM HORIZONTAL AXIS THAT IS PARALLEL TO LEVEL FLOOR.											
ROTATION		LOUDSPEAK	ER CABINE	T FACE RO	TATION FR	OM PERPENDICU	ILAR VERTICAL	AXIS				
				OTES								
 COCRDINATE LOLDSPEARER AIN WITH ALL FIELD CONSTITIONS AND SHOP SUBMETALS. ADJUST FOR RELD CONSTITIONS TO MAINTAIN CONFERENCE IN SEATS. VERIET CABRIET ROTATION AND HORN ROTATION FOR BOTH HORIZONFILL AND VERTICAL ANGLES. CONTRACTOR TO FIELD VERIET EACH ANN LOCATION AT ROUGH IN, NOTIFY CONSULTANT IMMEDIATELY FOR ANY CONFLOY TO CEARS FORTH LINES, CONFERM ASSOCIATED TRADE WORK ON SITE, INCLUDING BUT NOT LIMITED TO DUDT, LIGHTS, CURTAINS, ELECTRICAL MECHANICAL, BASIETRALL GOALS, CLOUDS, ETC. SEE AGRICITECTURALS FOR COMBRETE SOOP AND COORDINATE OF SAME. 												
3.	 SHOULD FIELD CONFRIMATION NOT BE MADE IN A TIMELY FASHION, CONTRACTOR IS RESPONSIBLE FOR BMPACT OR DELAY REBULTING, INCLUDING REWORK OR LIFT REQUIREMENTS FOR ACCESS TO RE-MA. 											
4.	4. SUBMITTAL/SHOP DRAWINGS SHALL DETAIL P.E. RATED ATTACHMENT AND SUSPENSION HARDWARE USED NO ATTACHMENT SHALL BE MADE WITHOUT USE OF P.E. RATED HARDWARE SAPETY FACTORS ARE \$1 OR GREATER INCOPPORTATE SPECIFICATIONS INCLIDING P.E. RATED SUSPENSIONS FOR ALL OVERHEAD SUSPENSION FIEMS WITHOUT FAIL MAINTAIN SAFE WORKING CONDITIONS AT ALL TIMES.											
5.	 INCORPORATE ALL MANUFACTURER'S RECOMMENDATIONS FOR RIGIGING, READ AND REVIEW ALL LOUISDEPASER AIM SUSPENSION TEMS BEFORE THE DOWORK STARTS, AV CONTRACTOR RESPONSIBLE SHALL CONFERN RIGIGING POINT IN ADVANCE AND PER ANISI 1.8. 											
6.	 SHOULD FIELD MODIFICATIONS OR ADJUSTMENTS BE REQUIRED DUE TO CONFLICTS FOR PROPER COVERAGE AND CLEAR SHOFT LINES, ADJUST FOR SAME COVERAGE AND SIGHT LINES WITH NEW POSITIONS, TEST FOR COVERAGE AT MID-BAND (28/LE COTAVE BAND). 											
. 7.	 If is fully required that a qualified by sound contractor be on site during all speaker aim. If is not intended that electrical or general contractor suspend or aim speakers with averagement of alternative management. 											

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HOLMANFOLIS, N 462/30
HOLMANFOLIS, N 462/30
WWW. Imagoorp Loom
HOLMANFOLIS (T) 77:09/351/30 REFERENCE SCALE IN INCHES

REFERENCE SCALE IN INCHES

1 2 3 Lawrence Central HS Auditorium 17000351.00





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